

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043017\
 Data File : BF094708.D
 Acq On : 30 Apr 2017 12:21
 Operator : SJ/MA
 Sample : PB98544BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB98544BS

Manual Integrations
 APPROVED

mohammad
 5/1/2017 7:50:41 PM

Quant Time: May 01 16:22:44 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 14:59:23 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	114307	20.00	ng	0.00
21) Naphthalene-d8	7.26	136	467342	20.00	ng	0.00
38) Acenaphthene-d10	9.40	164	217569	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	390641	20.00	ng	0.00
75) Chrysene-d12	14.47	240	298236	20.00	ng	0.00
86) Perylene-d12	16.09	264	210841	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	4.33	112	866164	125.72	ng	0.03
7) Phenol-d6	5.40	99	1018529	125.40	ng	0.00
23) Nitrobenzene-d5	6.42	82	629350	83.15	ng	0.00
41) 2,4,6-Tribromophenol	10.38	330	230515	135.45	ng	0.00
44) 2-Fluorobiphenyl	8.58	172	1213230	82.05	ng	0.00
78) Terphenyl-d14	13.19	244	1086616	97.39	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.17	88	104156	25.99	ng	95
3) Pyridine	2.69	79	302519	34.54	ng	99
4) n-Nitrosodimethylamine	2.63	42	137084	37.83	ng	86
6) Aniline	5.40	93	316739	29.34	ng	# 85
8) 2-Chlorophenol	5.54	128	329110	41.98	ng	97
9) Benzaldehyde	5.27	77	56646	9.17	ng	97
10) Phenol	5.42	94	394803	39.57	ng	92
11) bis(2-Chloroethyl)ether	5.48	93	300110	41.17	ng	97
12) 1,3-Dichlorobenzene	5.70	146	348922	40.17	ng	98
13) 1,4-Dichlorobenzene	5.79	146	351139	40.18	ng	96
14) 1,2-Dichlorobenzene	5.97	146	323496	40.19	ng	94
15) Benzyl Alcohol	5.95	79	248597	41.26	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.10	45	384628	40.24	ng	58
17) 2-Methylphenol	6.10	107	262430	42.50	ng	# 90
18) Hexachloroethane	6.35	117	121969	40.71	ng	# 87
19) n-Nitroso-di-n-propylamine	6.26	70	228699	42.49	ng	94
20) 3+4-Methylphenols	6.28	107	364951	43.50	ng	# 63
22) Acetophenone	6.24	105	457572	40.27	ng	# 86
24) Nitrobenzene	6.44	77	323081	40.54	ng	94
25) Isophorone	6.73	82	588700	41.96	ng	95
26) 2-Nitrophenol	6.81	139	184456	43.08	ng	96
27) 2,4-Dimethylphenol	6.89	122	287238	41.30	ng	98
28) bis(2-Chloroethoxy)methane	6.99	93	377820	41.63	ng	100
29) 2,4-Dichlorophenol	7.12	162	285862	44.18	ng	99
30) 1,2,4-Trichlorobenzene	7.20	180	275556	41.19	ng	98
31) Naphthalene	7.29	128	910903	40.54	ng	100
32) Benzoic acid	7.04	122	26762	7.28	ng	98
33) 4-Chloroaniline	7.37	127	95173	10.18	ng	# 91
34) Hexachlorobutadiene	7.44	225	140328	42.08	ng	100
35) Caprolactam	7.85	113	93786m	46.14	ng	
36) 4-Chloro-3-methylphenol	8.00	107	297241	43.84	ng	92
37) 2-Methylnaphthalene	8.13	142	641539	41.74	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.34	216	254260	41.04	ng	99
40) Hexachlorocyclopentadiene	8.32	237	228896	91.33	ng	98

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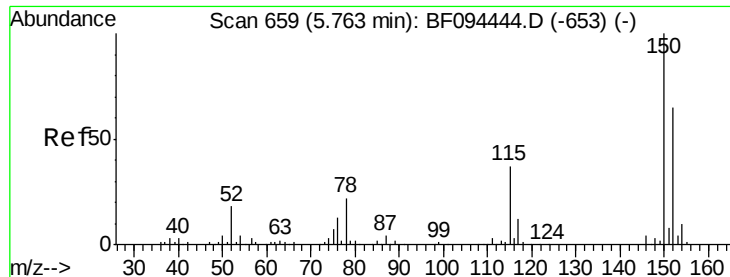
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.49	196	193579	44.49	nq	98
43) 2,4,5-Trichlorophenol	8.55	196	198978	44.53	nq	# 91
45) 1,1'-Biphenyl	8.70	154	743296	41.81	nq	98
46) 2-Chloronaphthalene	8.72	162	590897	41.81	nq	94
47) 2-Nitroaniline	8.87	65	170944	42.04	nq	# 75
48) Acenaphthylene	9.22	152	922580	41.87	nq	99
49) Dimethylphthalate	9.10	163	717471	44.25	nq	99
50) 2,6-Dinitrotoluene	9.17	165	161599	44.40	nq	92
51) Acenaphthene	9.44	154	547365	41.48	nq	99
52) 3-Nitroaniline	9.37	138	107019	25.42	nq	90
53) 2,4-Dinitrophenol	9.52	184	43757	26.32	nq	# 68
54) Dibenzofuran	9.65	168	820556	42.78	nq	97
55) 4-Nitrophenol	9.63	139	35616m	11.97	nq	
56) 2,4-Dinitrotoluene	9.67	165	210817	47.21	nq	94
57) Fluorene	10.07	166	630949	42.24	nq	100
58) 2,3,4,6-Tetrachlorophenol	9.82	232	137246	42.86	nq	96
59) Diethylphthalate	9.97	149	686645	44.88	nq	98
60) 4-Chlorophenyl-phenylether	10.08	204	272498	43.84	nq	94
61) 4-Nitroaniline	10.14	138	163722	38.25	nq	96
62) Azobenzene	10.28	77	639702	43.07	nq	93
64) 4,6-Dinitro-2-methylphenol	10.17	198	55359	21.63	nq	# 73
65) n-Nitrosodiphenylamine	10.23	169	590089	43.43	nq	99
66) 4-Bromophenyl-phenylether	10.68	248	173985	44.85	nq	99
67) Hexachlorobenzene	10.75	284	169140	43.27	nq	# 88
68) Atrazine	10.91	200	173702	42.74	nq	95
69) Pentachlorophenol	11.01	266	120803	77.83	nq	99
70) Phenanthrene	11.25	178	931817	42.36	nq	98
71) Anthracene	11.31	178	979749	43.06	nq	99
72) Carbazole	11.52	167	889024	41.63	nq	98
73) Di-n-butylphthalate	11.97	149	1091579	46.42	nq	99
74) Fluoranthene	12.71	202	971741	42.62	nq	99
76) Benzidine	12.89	184	291845	24.17	nq	# 93
77) Pyrene	12.99	202	966336	46.38	nq	98
79) Butylbenzylphthalate	13.81	149	462366	50.63	nq	87
80) Benzo(a)anthracene	14.46	228	758479	43.76	nq	99
81) 3,3'-Dichlorobenzidine	14.44	252	154329	25.15	nq	# 95
82) Chrysene	14.51	228	676851	42.73	nq	99
83) Bis(2-ethylhexyl)phthalate	14.52	149	629075	51.31	nq	# 99
84) Di-n-octyl phthalate	15.28	149	1000318	48.64	nq	96
85) Indeno(1,2,3-cd)pyrene	17.39	276	554017	36.75	nq	99
87) Benzo(b)fluoranthene	15.70	252	605021	46.91	nq	98
88) Benzo(k)fluoranthene	15.73	252	552876	45.30	nq	# 93
89) Benzo(a)pyrene	16.04	252	523161	43.60	nq	98
90) Dibenzo(a,h)anthracene	17.40	278	454983	45.67	nq	99
91) Benzo(g,h,i)perylene	17.76	276	466107	45.95	nq	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

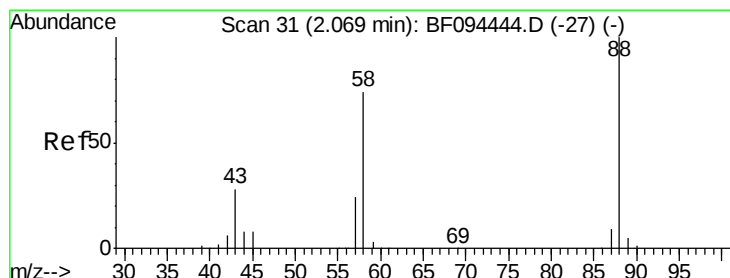
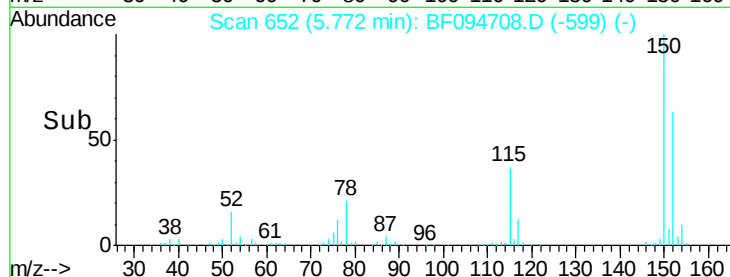
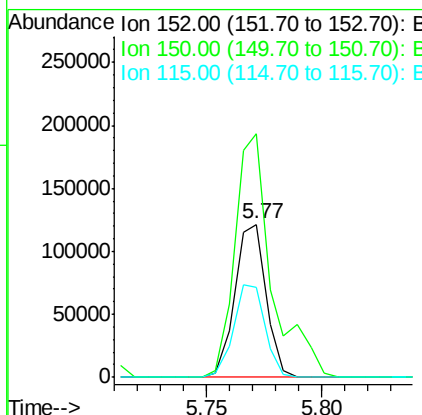
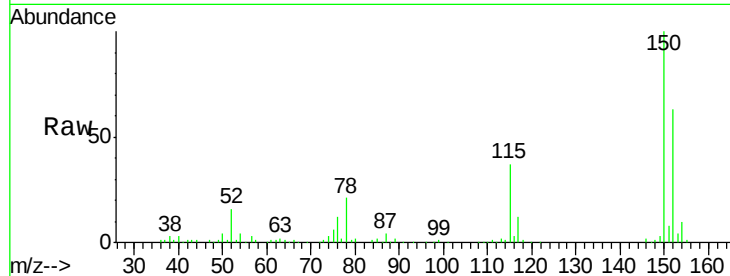
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 652
Delta R.T. 0.01 min
Lab File: BF094708.D
Acq: 30 Apr 2017 12:21

Instrument :
BNA_F
ClientSampleId :
PB98544BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.0	126.2	189.2
115	58.5	52.2	78.2

Manual Integrations
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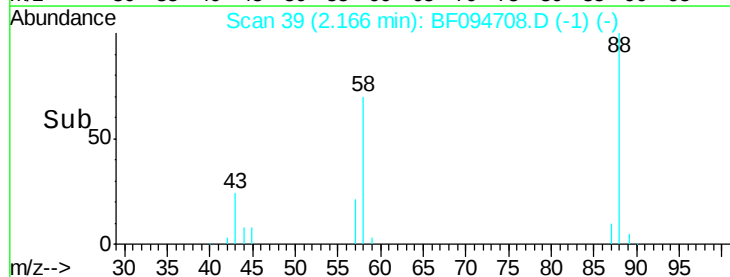
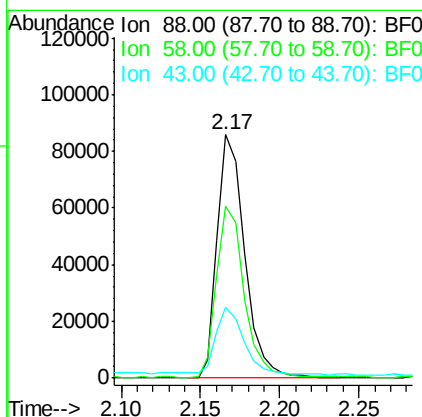
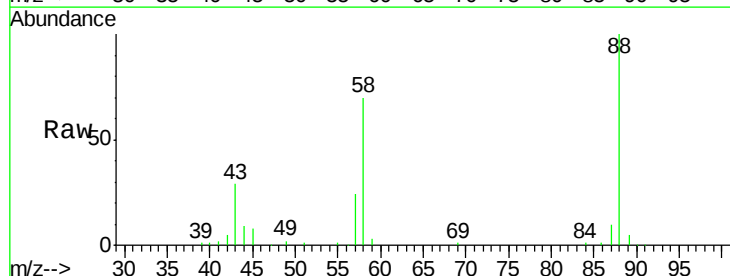
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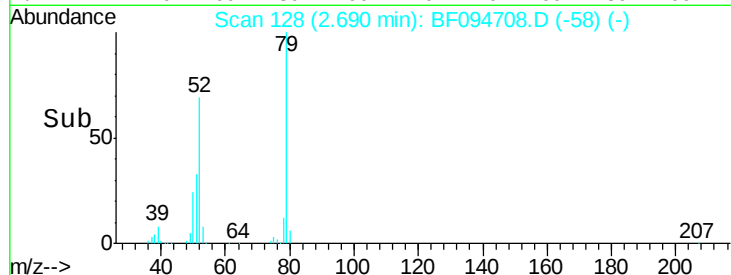
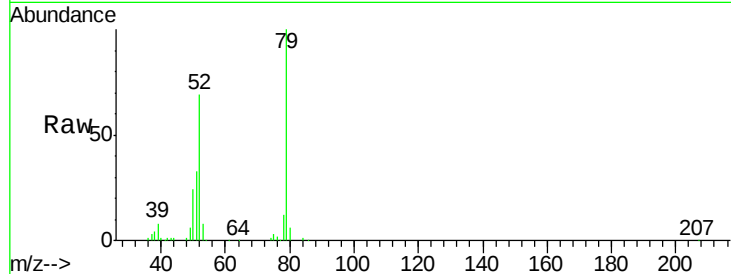
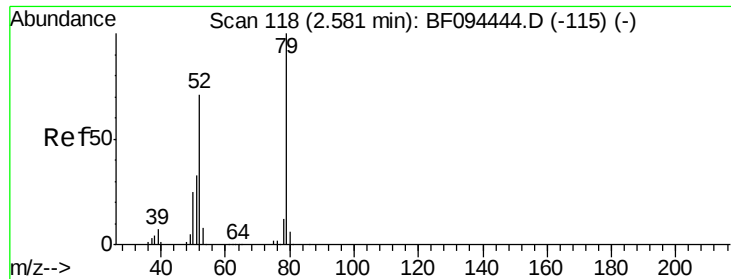


#2

1,4-Dioxane
Concen: 25.99 ng
RT: 2.17 min Scan# 39
Delta R.T. 0.10 min
Lab File: BF094708.D
Acq: 30 Apr 2017 12:21

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.1	61.4	92.0
43	27.5	23.4	35.0





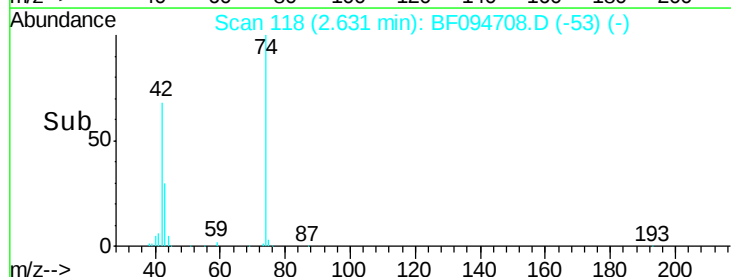
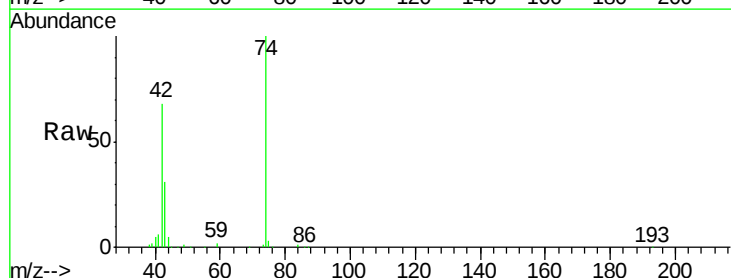
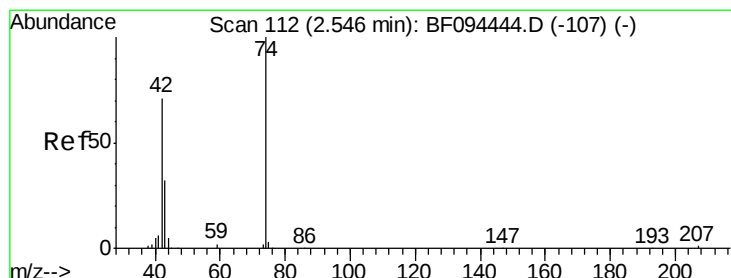
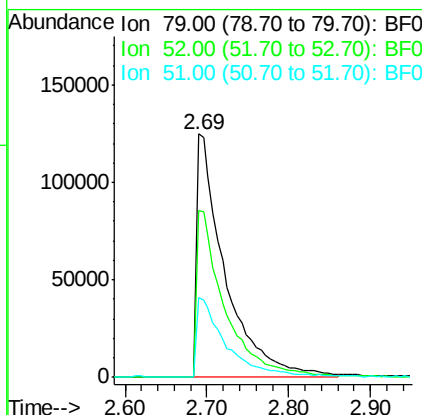
#3
 Pvridine
 Concen: 34.54 ng
 RT: 2.69 min Scan# 128
 Delta R.T. 0.11 min
 Lab File: BF094708.D
 Acq: 30 Apr 2017 12:21

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	79	100	302519		
52	52	68.5		54.8	82.2
51	51	32.7		27.0	40.4

Instrument :
 BNA_F
 ClientSampleId :
 PB98544BS

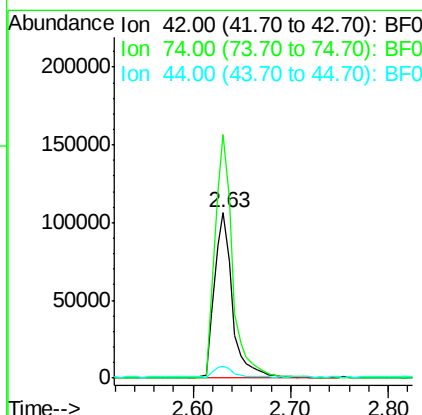
Manual Integrations
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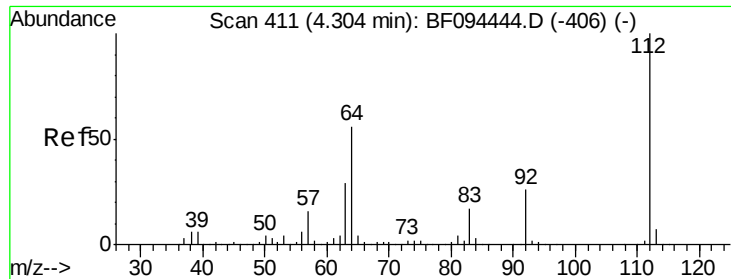
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#4
 n-Nitrosodimethylamine
 Concen: 37.83 ng
 RT: 2.63 min Scan# 118
 Delta R.T. 0.09 min
 Lab File: BF094708.D
 Acq: 30 Apr 2017 12:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	42	100	137084		
74	74	147.3		103.9	155.9
44	44	7.6		5.7	8.5





#5

2-Fluorophenol

Concen: 125.72 ng

RT: 4.33 min Scan# 407

Delta R.T. 0.03 min

Lab File: BF094708.D

Acq: 30 Apr 2017 12:21

Instrument :

BNA_F

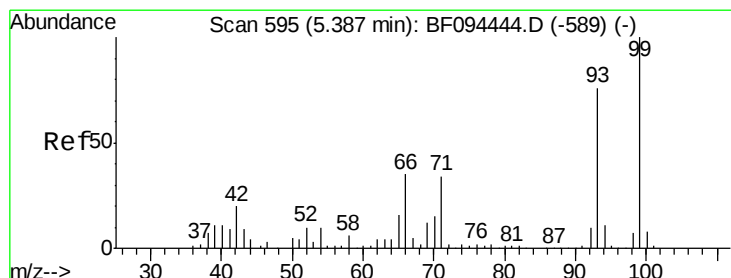
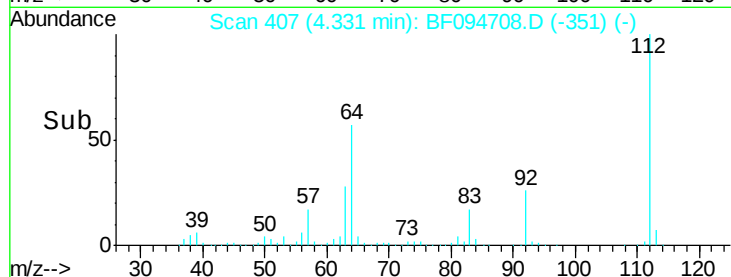
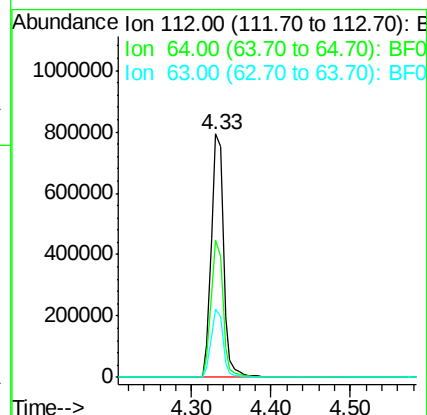
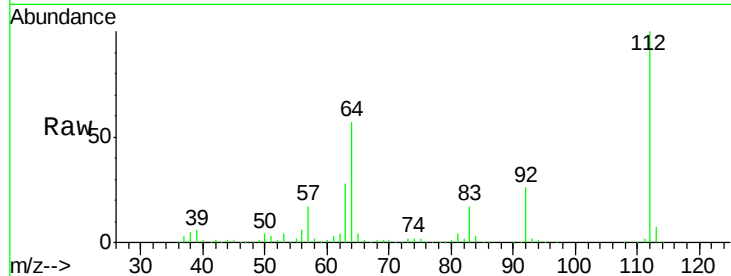
ClientSampleId :

PB98544BS

Tot Ion:	112	Resp:	866164
Ion Ratio	Lower	Upper	
112	100		
64	56.7	46.0	69.0
63	28.1	23.4	35.0

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#6

Aniline

Concen: 29.34 ng

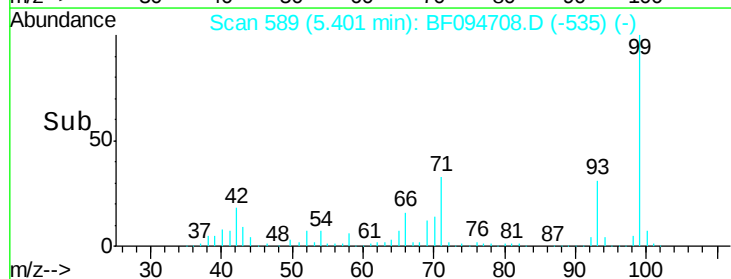
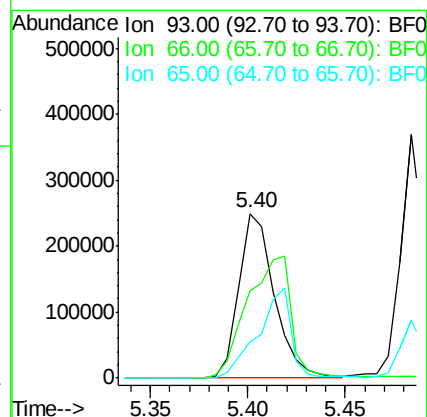
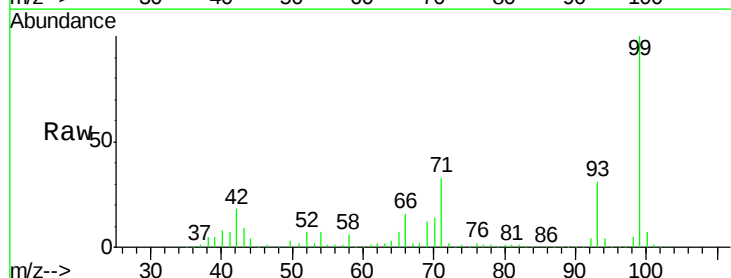
RT: 5.40 min Scan# 589

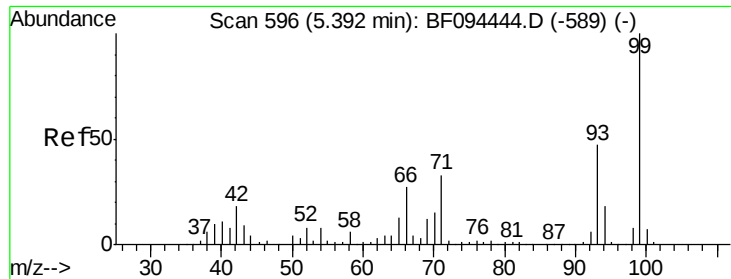
Delta R.T. 0.01 min

Lab File: BF094708.D

Acq: 30 Apr 2017 12:21

Tgt Ion:	93	Resp:	316739
Ion Ratio	Lower	Upper	
93	100		
66	53.3	32.9	49.3#
65	22.1	16.0	24.0





#7

Phenol-d6

Concen: 125.40 ng

RT: 5.40 min Scan# 589

Delta R.T. 0.01 min

Lab File: BF094708.D

Acq: 30 Apr 2017 12:21

Instrument :

BNA_F

ClientSampleId :

PB98544BS

Tot Ion: 99 Resp: 1018529

Ion Ratio Lower Upper

99 100

42 17.8 13.5 20.3

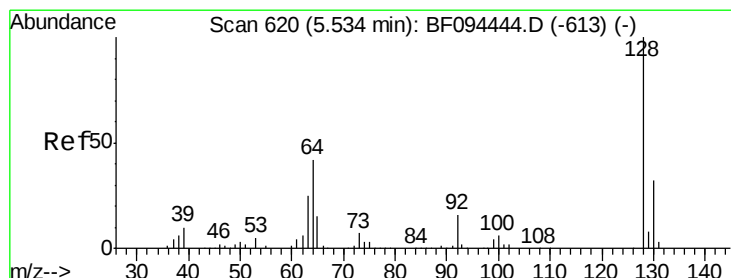
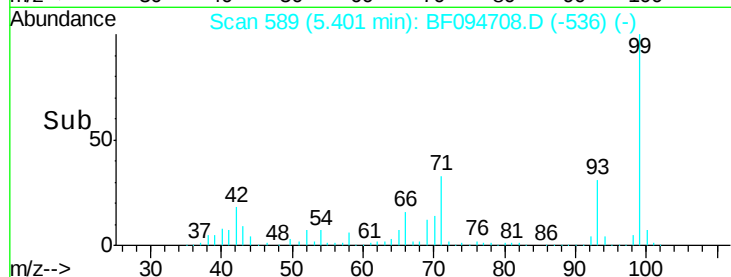
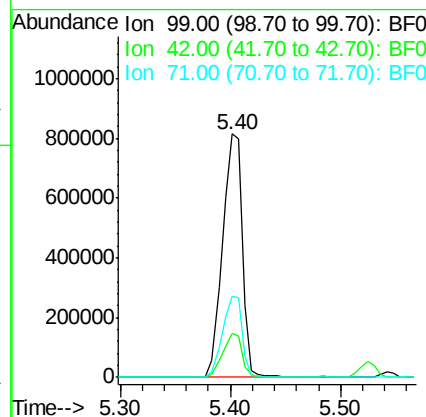
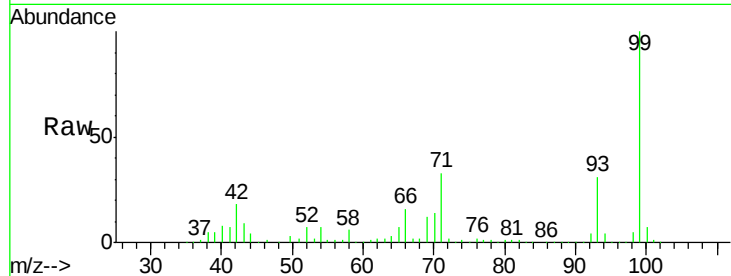
71 33.1 24.5 36.7

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#8

2-Chlorophenol

Concen: 41.98 ng

RT: 5.54 min Scan# 613

Delta R.T. 0.01 min

Lab File: BF094708.D

Acq: 30 Apr 2017 12:21

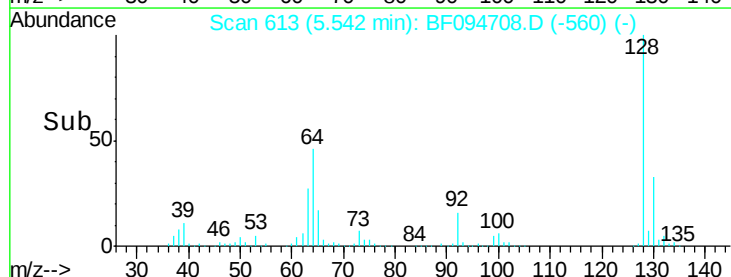
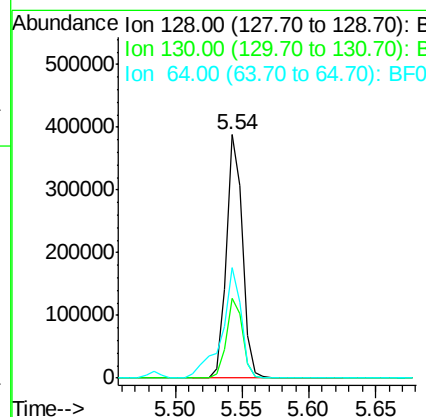
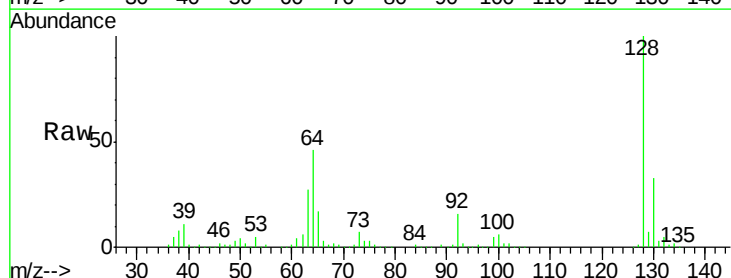
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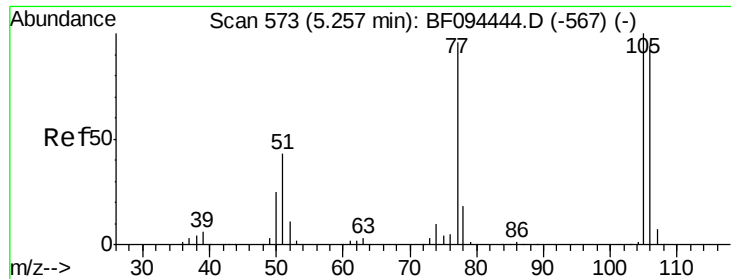
Ion Ratio Lower Upper

128 100

130 32.8 12.9 52.9

64 45.5 28.4 68.4





#9

Benzaldehyde

Concen: 9.17 ng

RT: 5.27 min Scan# 567

Delta R.T. 0.01 min

Lab File: BF094708.D

Acq: 30 Apr 2017 12:21

Instrument :

BNA_F

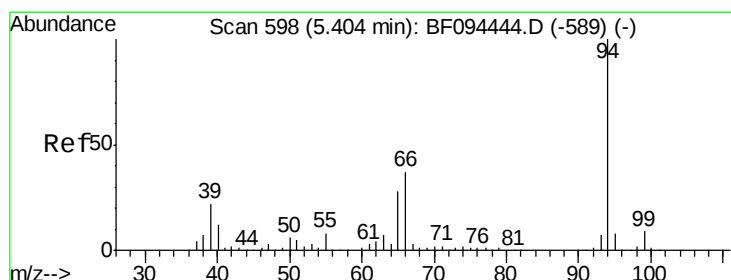
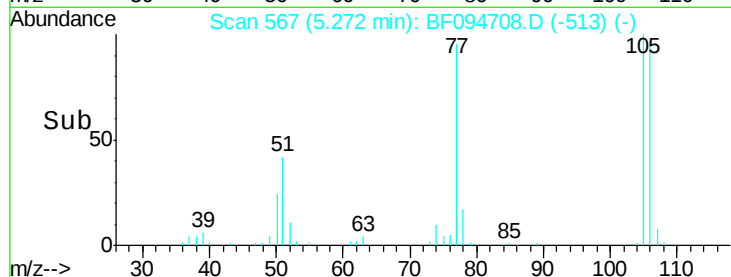
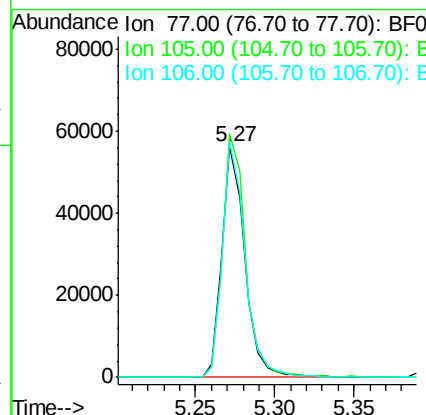
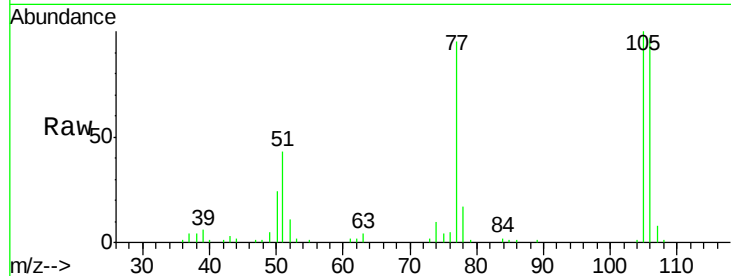
ClientSampleId :

PB98544BS

Tot Ion:	77	Resp:	56646
Ion	Ratio	Lower	Upper
77	100		
105	105.6	83.8	123.8
106	102.3	79.1	119.1

Manual Integrations
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#10

Phenol

Concen: 39.57 ng

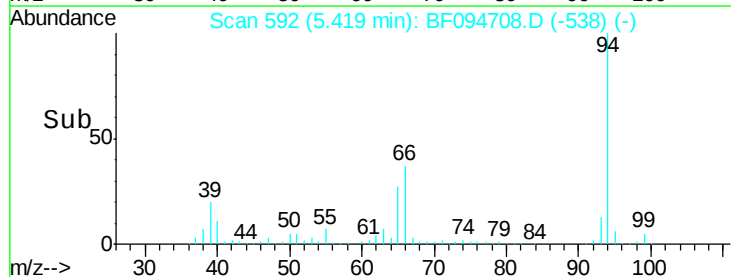
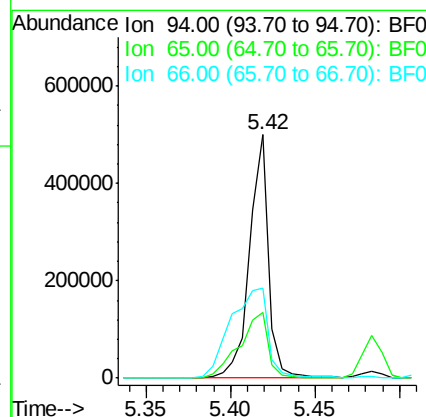
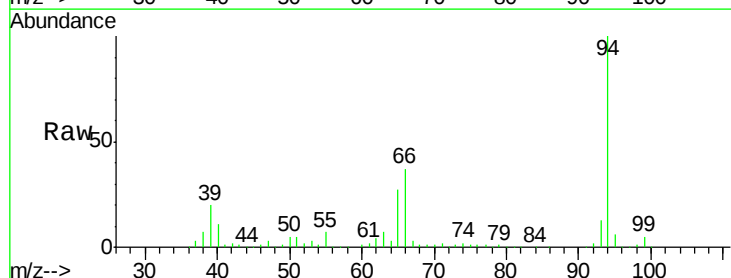
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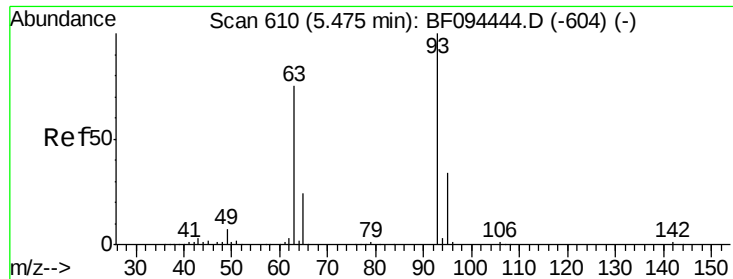
Delta R.T. 0.01 min

Lab File: BF094708.D

Acq: 30 Apr 2017 12:21

Tgt Ion:	94	Resp:	394803
Ion	Ratio	Lower	Upper
94	100		
65	27.1	9.9	49.9
66	36.9	23.1	63.1





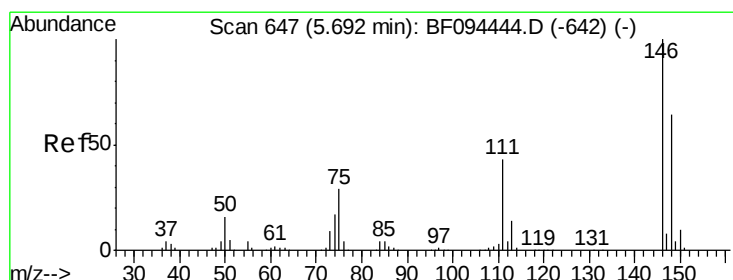
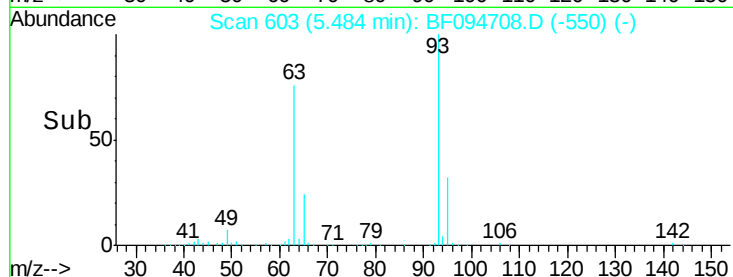
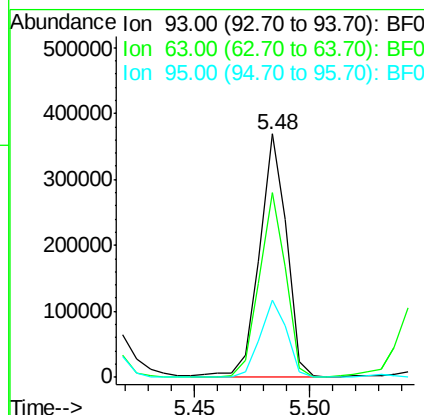
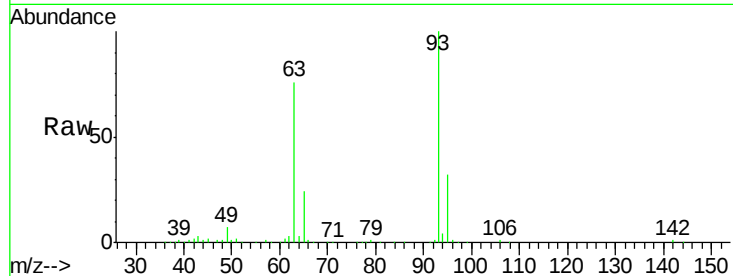
#11
bis(2-Chloroethyl)ether
Concen: 41.17 ng
RT: 5.48 min Scan# 603
Delta R.T. 0.01 min
Lab File: BF094708.D
Acq: 30 Apr 2017 12:21

Instrument :
BNA_F
ClientSampleId :
PB98544BS

Tot Ion:	93	Resp:	300110
Ion Ratio	Lower	Upper	
93	100		
63	76.1	59.2	99.2
95	31.8	12.8	52.8

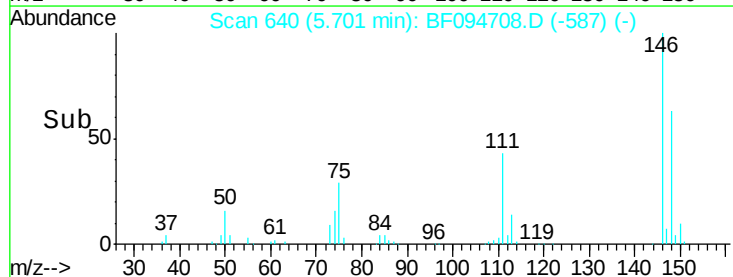
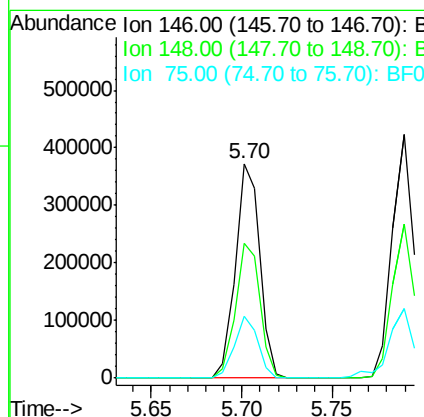
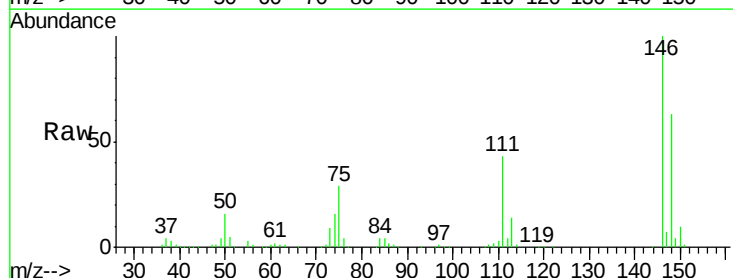
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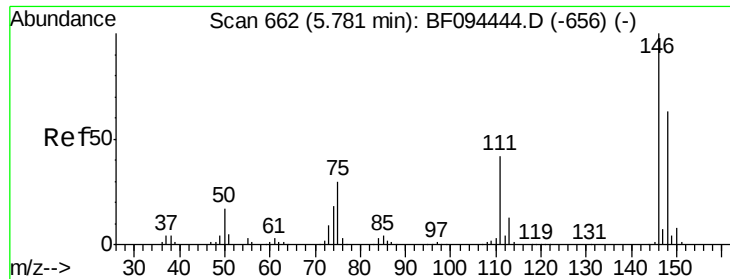
mohammad
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#12
1,3-Dichlorobenzene
Concen: 40.17 ng
RT: 5.70 min Scan# 640
Delta R.T. 0.01 min
Lab File: BF094708.D
Acq: 30 Apr 2017 12:21

Tgt Ion:	146	Resp:	348922
Ion Ratio	Lower	Upper	
146	100		
148	62.8	51.8	77.6
75	29.0	23.1	34.7





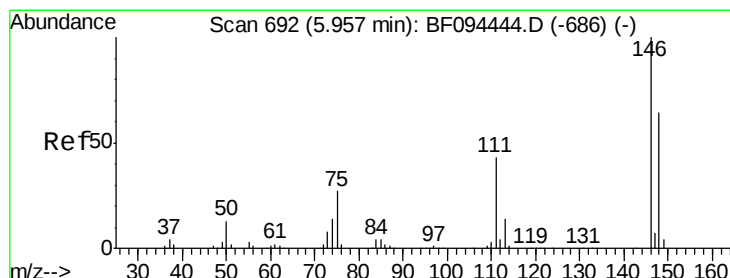
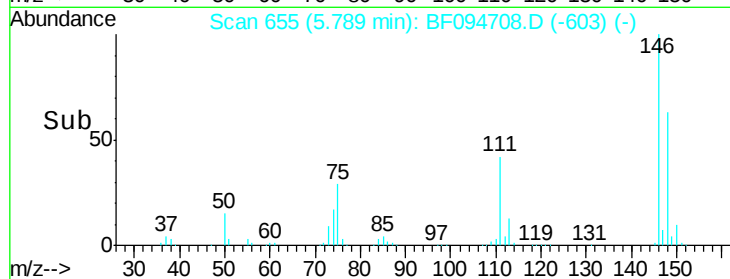
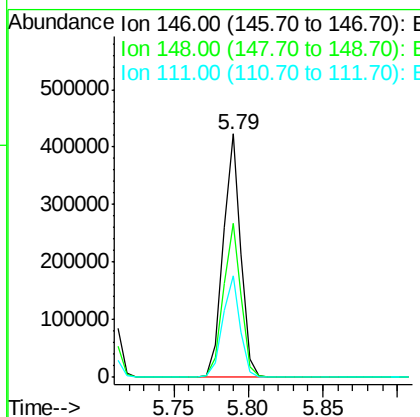
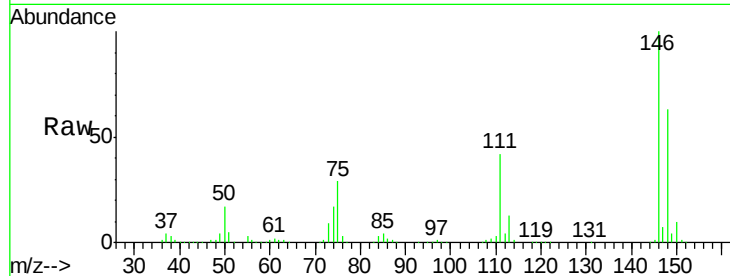
#13
 1,4-Dichlorobenzene
 Concen: 40.18 ng
 RT: 5.79 min Scan# 655
 Delta R.T. 0.01 min
 Lab File: BF094708.D
 Acq: 30 Apr 2017 12:21

Instrument :
 BNA_F
 ClientSampleId :
 PB98544BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.1	52.2	78.2
111	41.6	30.3	45.5

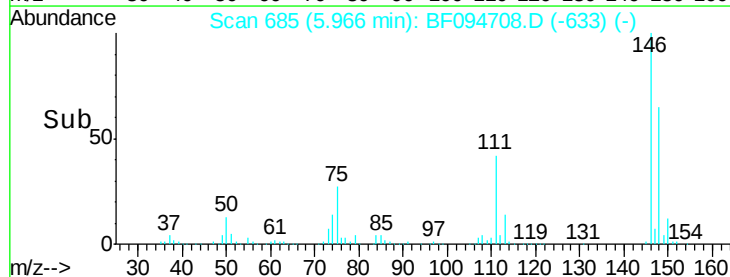
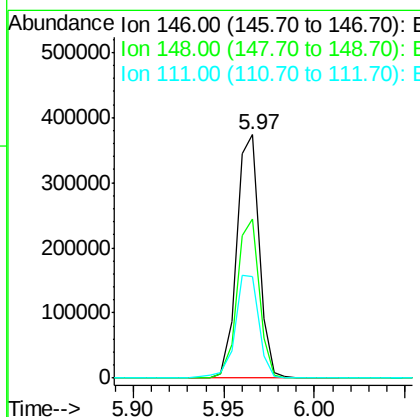
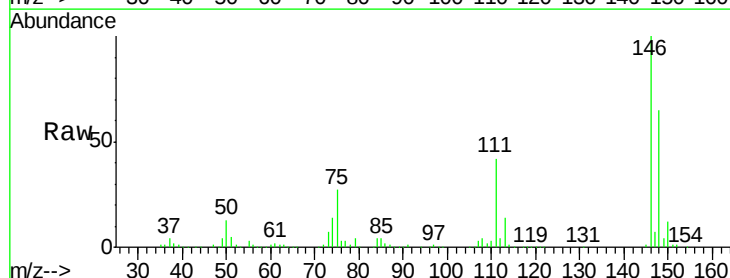
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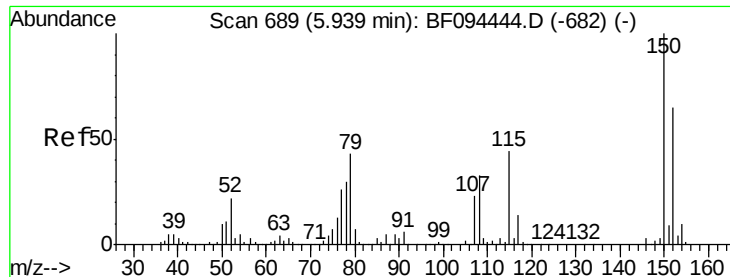
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 40.19 ng
 RT: 5.97 min Scan# 685
 Delta R.T. 0.01 min
 Lab File: BF094708.D
 Acq: 30 Apr 2017 12:21

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.4	50.4	75.6
111	41.9	38.2	57.4





#15

Benzyl Alcohol

Concen: 41.26 ng

RT: 5.95 min Scan# 682

Delta R.T. 0.01 min

Lab File: BF094708.D

Acq: 30 Apr 2017 12:21

Instrument :

BNA_F

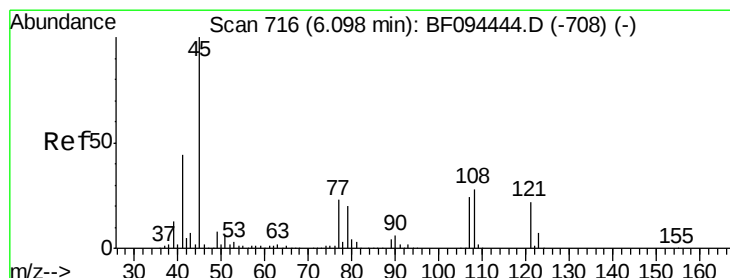
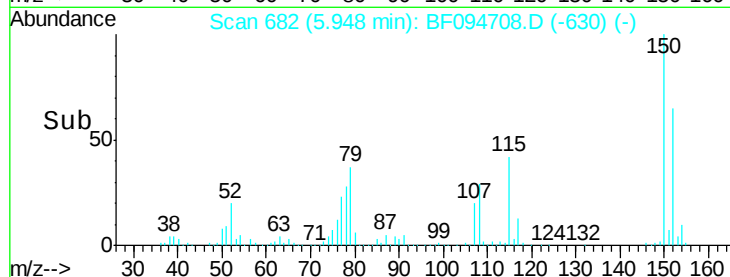
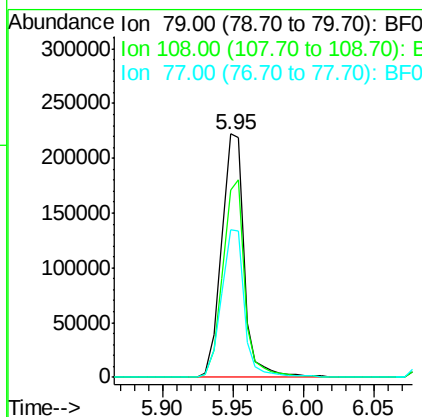
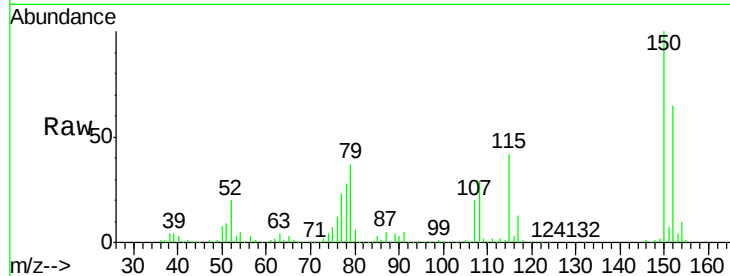
ClientSampleId :

PB98544BS

Tot Ion:	79	Resp:	248597
Ion Ratio	Lower	Upper	
79	100		
108	76.8	63.4	95.0
77	60.7	49.2	73.8

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.24 ng

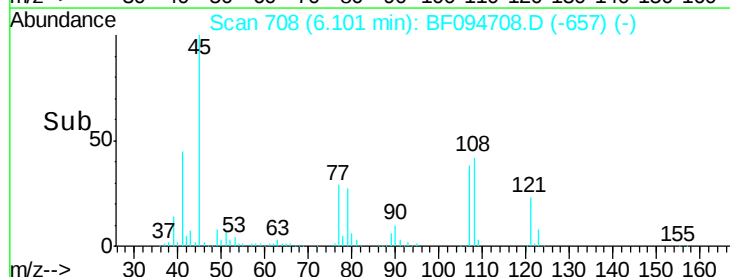
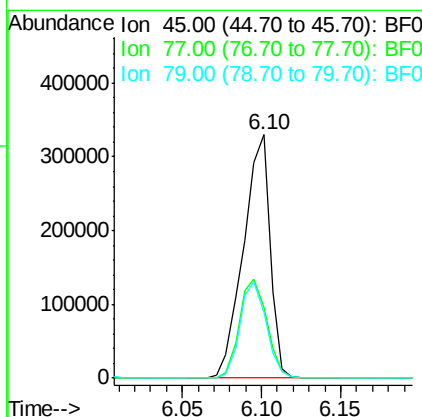
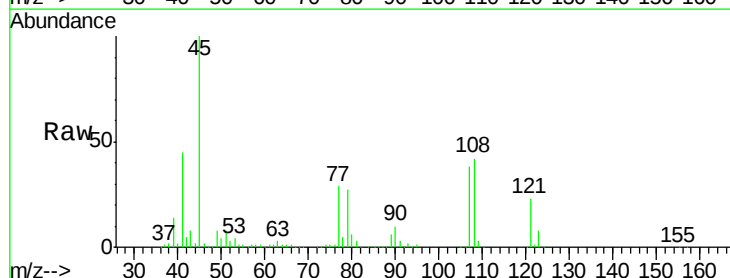
RT: 6.10 min Scan# 708

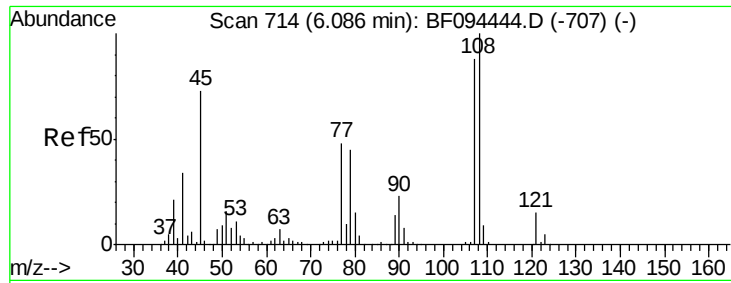
Delta R.T. 0.00 min

Lab File: BF094708.D

Acq: 30 Apr 2017 12:21

Tgt Ion:	45	Resp:	384628
Ion Ratio	Lower	Upper	
45	100		
77	29.2	0.0	33.2
79	26.7	0.0	30.0





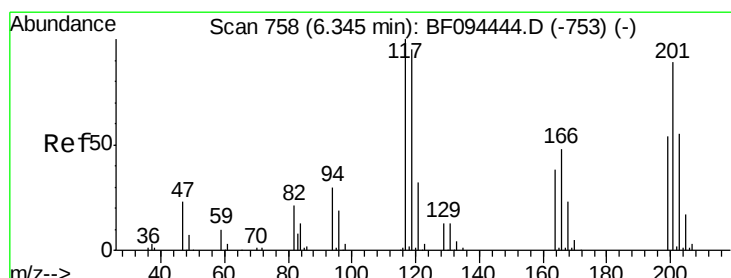
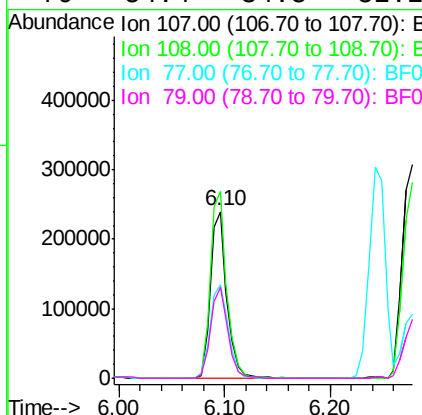
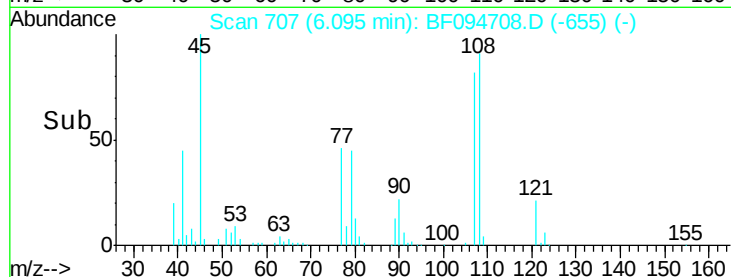
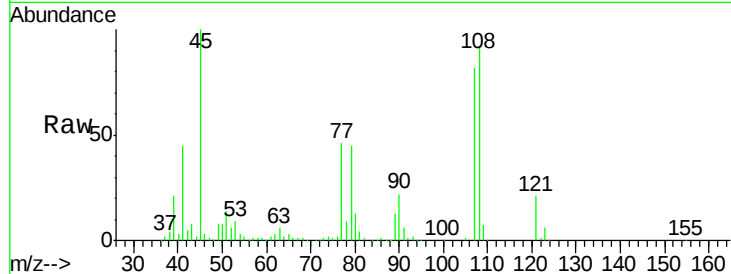
#17
2-Methylphenol
Concen: 42.50 ng
RT: 6.10 min Scan# 707
Delta R.T. 0.01 min
Lab File: BF094708.D
Acq: 30 Apr 2017 12:21

Instrument :
BNA_F
ClientSampleId :
PB98544BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.0	93.4	140.0	
77	56.3	35.8	53.6#	
79	54.4	34.8	52.2#	

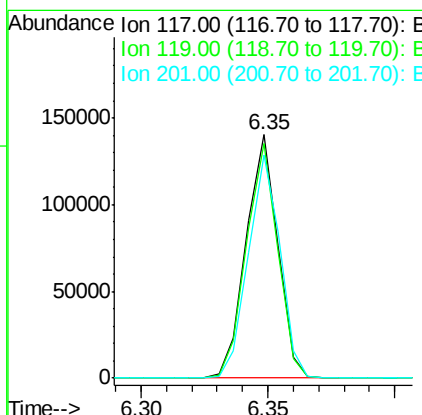
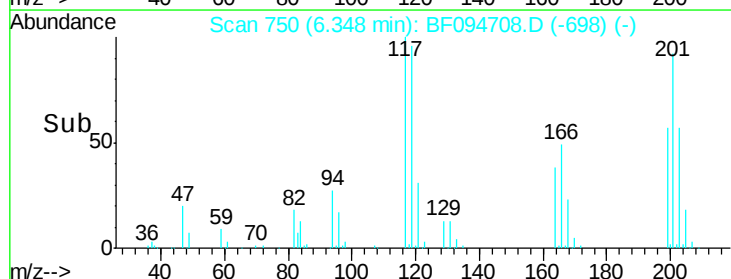
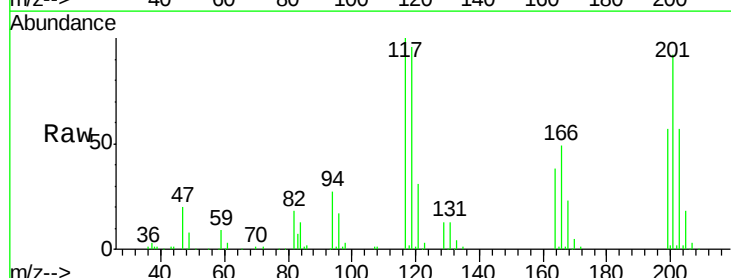
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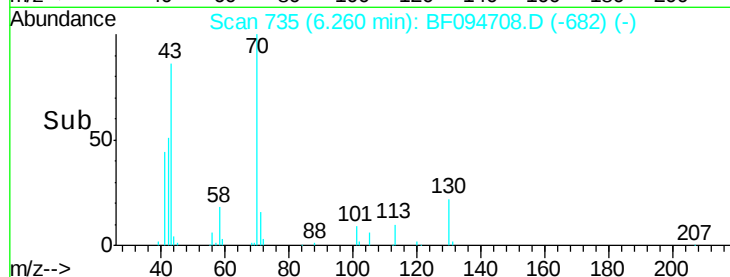
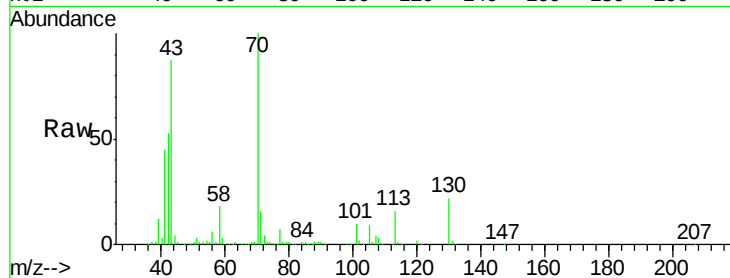
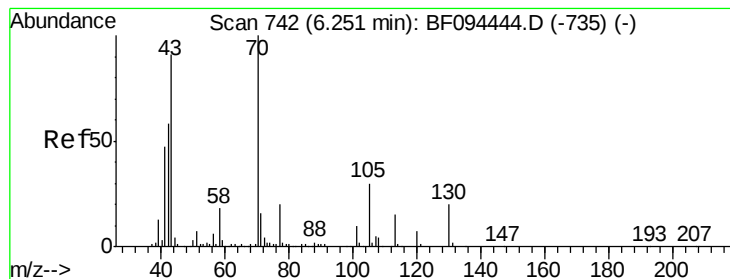
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#18
Hexachloroethane
Concen: 40.71 ng
RT: 6.35 min Scan# 750
Delta R.T. 0.00 min
Lab File: BF094708.D
Acq: 30 Apr 2017 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.4	77.4	116.0	
201	91.6	94.6	141.8#	





#19

n-Nitroso-di-n-propylamine

Concen: 42.49 ng

RT: 6.26 min Scan# 735

Delta R.T. 0.01 min

Lab File: BF094708.D

Acq: 30 Apr 2017 12:21

Instrument :

BNA_F

ClientSampleId :

PB98544BS

Tot Ion: 70 Resp: 228699

Ion Ratio Lower Upper

70 100

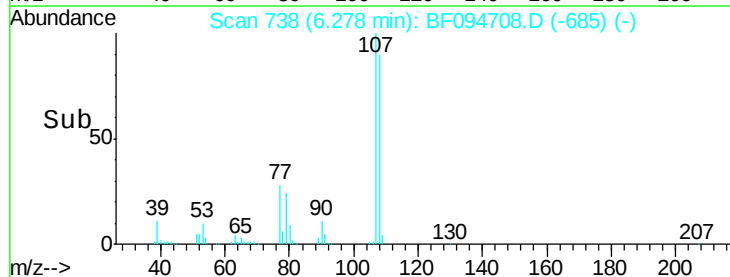
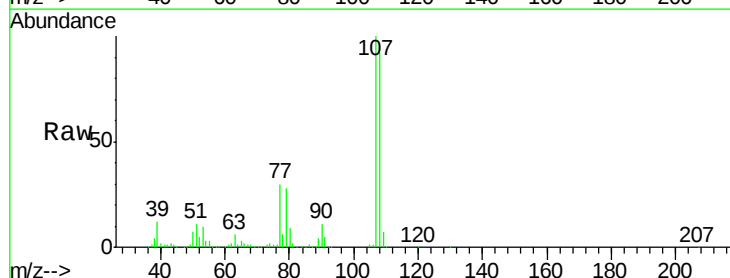
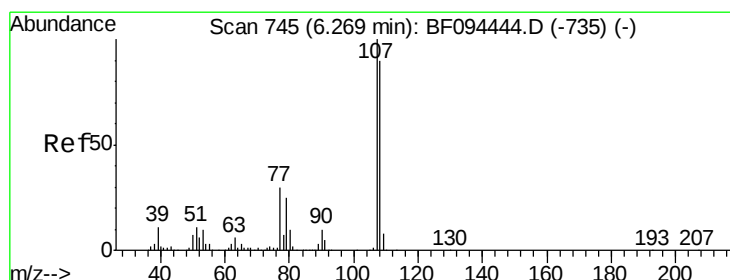
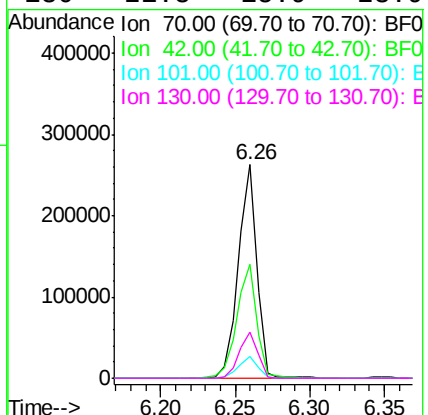
42 53.2 47.2 70.8

101 10.0 7.2 10.8

130 21.8 15.9 23.9

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#20

3+4-Methylphenols

Concen: 43.50 ng

RT: 6.28 min Scan# 738

Delta R.T. 0.01 min

Lab File: BF094708.D

Acq: 30 Apr 2017 12:21

Tgt Ion: 107 Resp: 364951

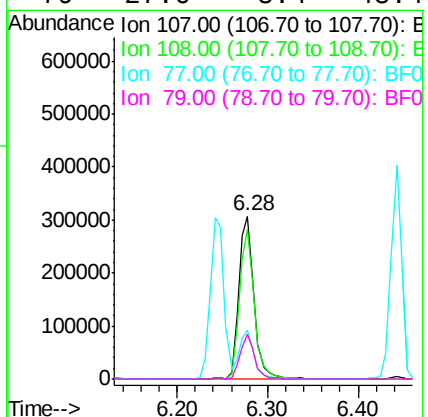
Ion Ratio Lower Upper

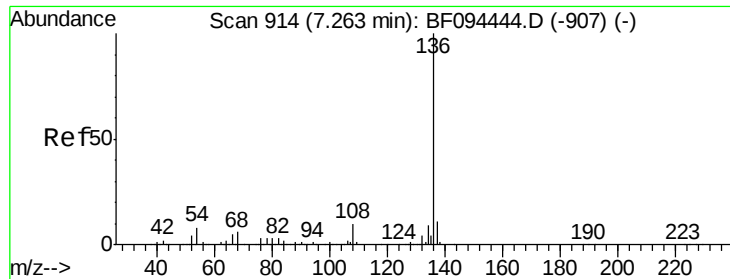
107 100

108 91.6 71.0 111.0

77 30.1 90.5 130.5#

79 27.6 8.4 48.4





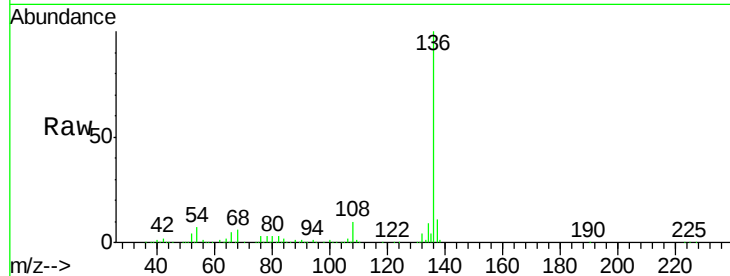
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.26 min Scan# 905
Delta R.T. -0.00 min
Lab File: BF094708.D
Acq: 30 Apr 2017 12:21

Instrument :
BNA_F
ClientSampleId :
PB98544BS

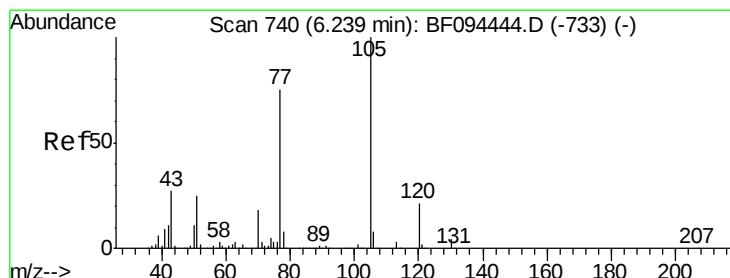
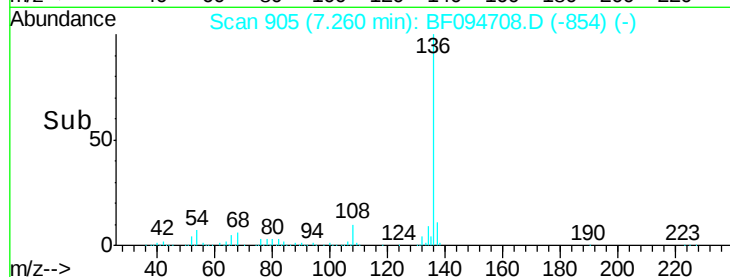
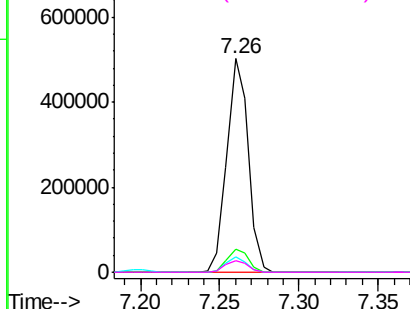
Tot Ion	Ratio	Resp	Lower	Upper
136	100	467342		
137	10.8	8.5	12.7	
54	7.1	4.9	7.3	
68	5.6	4.1	6.1	

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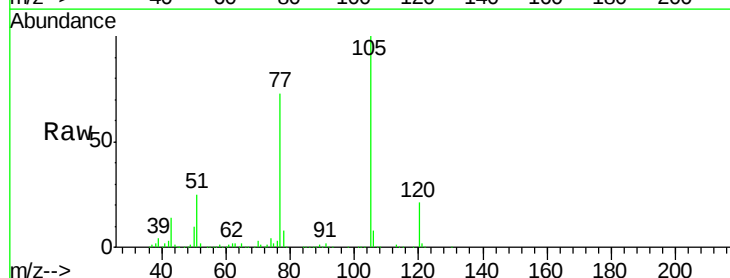


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

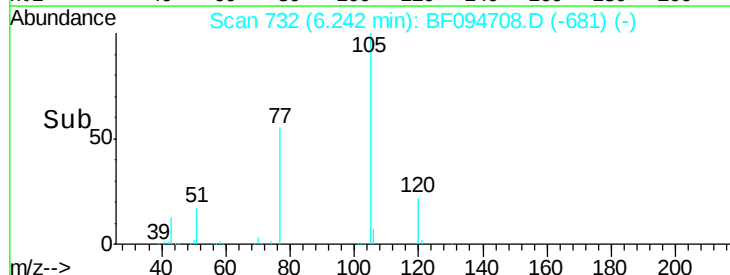
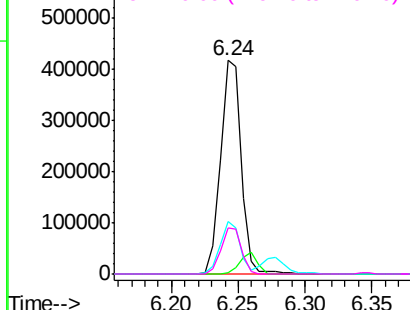


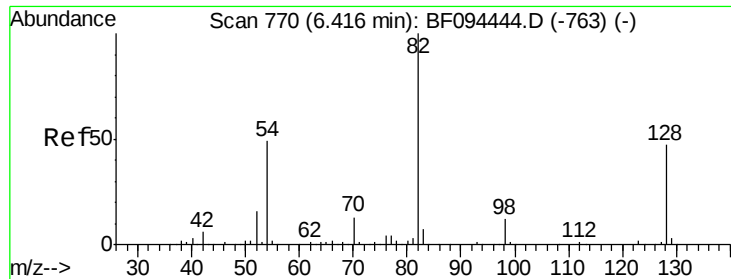
#22
Acetophenone
Concen: 40.27 ng
RT: 6.24 min Scan# 732
Delta R.T. 0.00 min
Lab File: BF094708.D
Acq: 30 Apr 2017 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	457572		
71	0.5	2.8	4.2#	
51	24.7	30.7	46.1#	
120	21.4	17.4	26.0	



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E





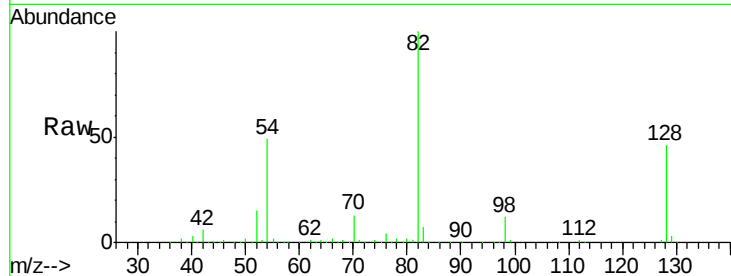
#23
 Nitrobenzene-d5
 Concen: 83.15 ng
 RT: 6.42 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: BF094708.D
 Acq: 30 Apr 2017 12:21

Instrument :
 BNA_F
 ClientSampleId :
 PB98544BS

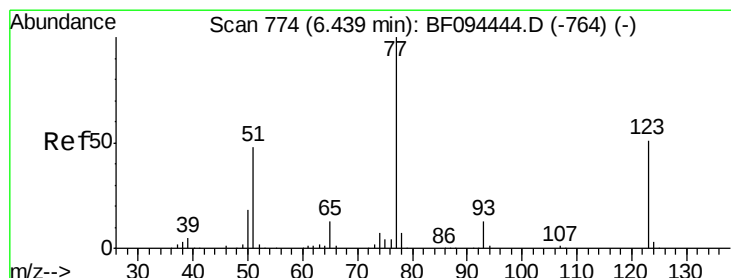
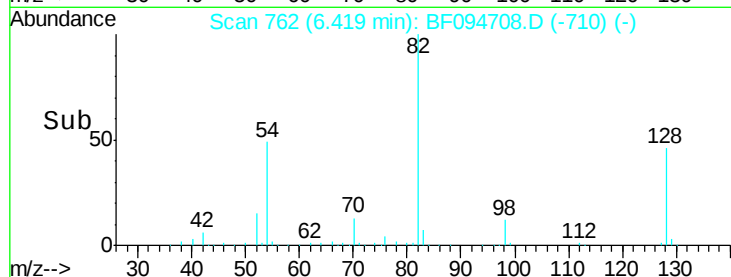
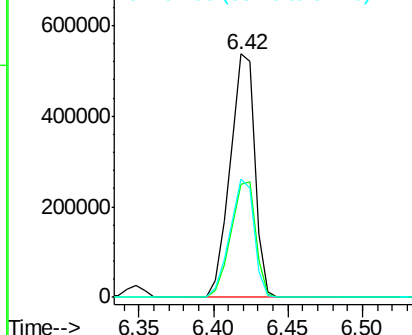
Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	46.5	34.0	51.0	
54	48.7	42.2	63.2	

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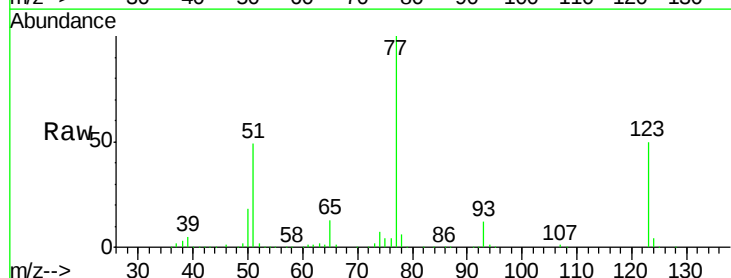


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

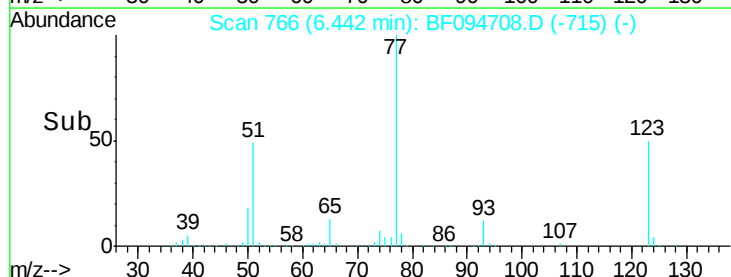
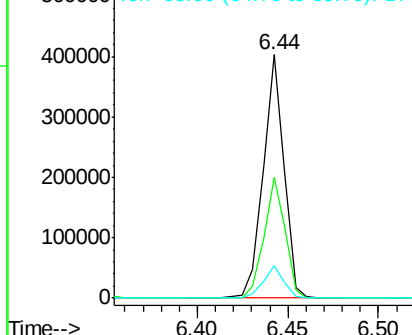


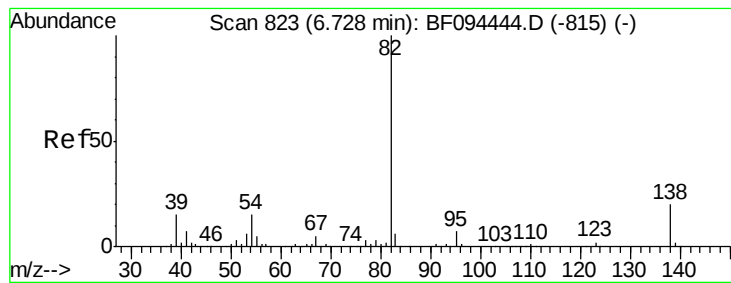
#24
 Nitrobenzene
 Concen: 40.54 ng
 RT: 6.44 min Scan# 766
 Delta R.T. 0.00 min
 Lab File: BF094708.D
 Acq: 30 Apr 2017 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	49.6	35.8	53.8	
65	13.1	10.6	15.8	



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 41.96 ng

RT: 6.73 min Scan# 815

Delta R.T. 0.00 min

Lab File: BF094708.D

Acq: 30 Apr 2017 12:21

Instrument :

BNA_F

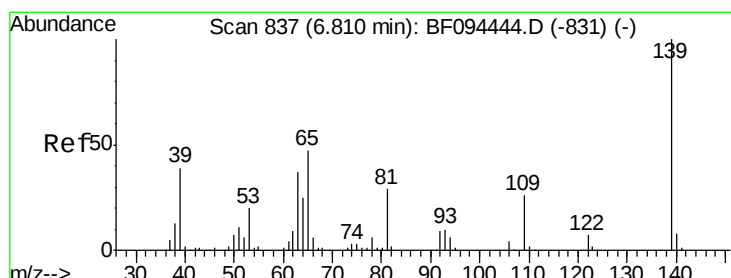
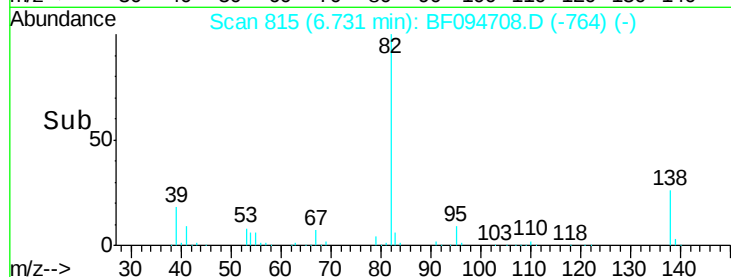
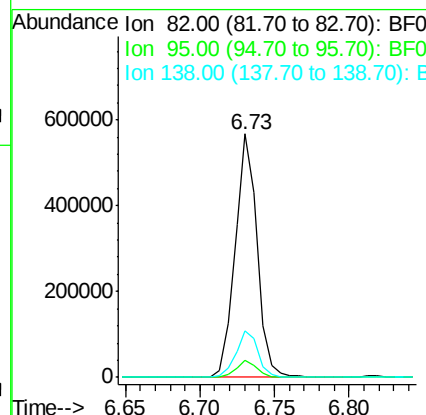
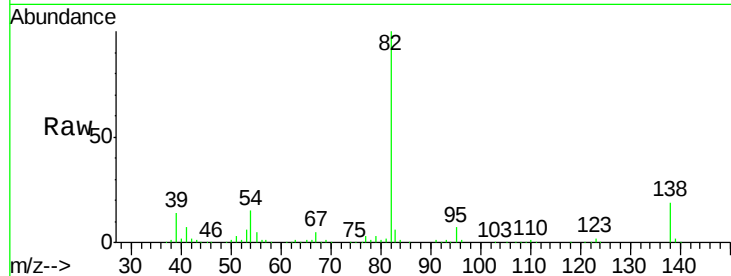
ClientSampleId :

PB98544BS

Tot Ion:	82	Resp:	588700
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.3	7.9
138	19.4	13.1	19.7

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#26

2-Nitrophenol

Concen: 43.08 ng

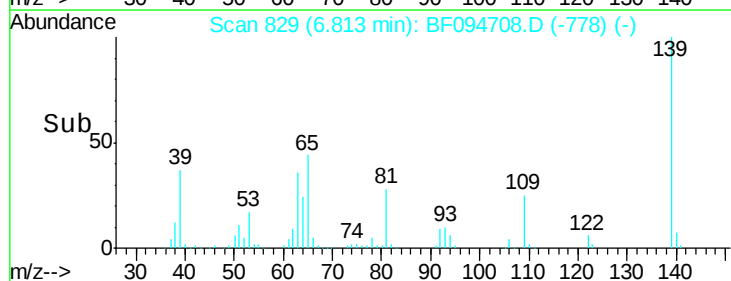
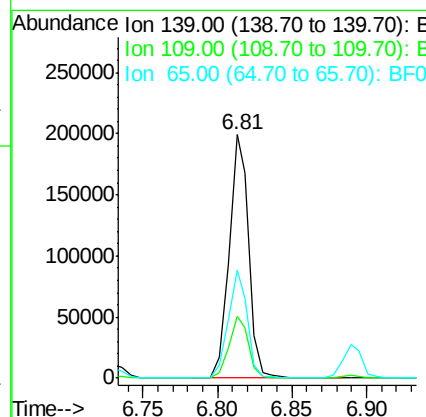
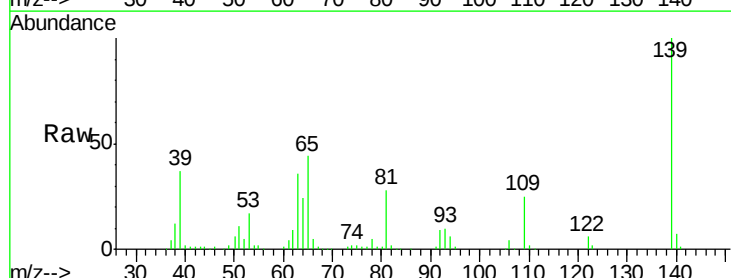
RT: 6.81 min Scan# 829

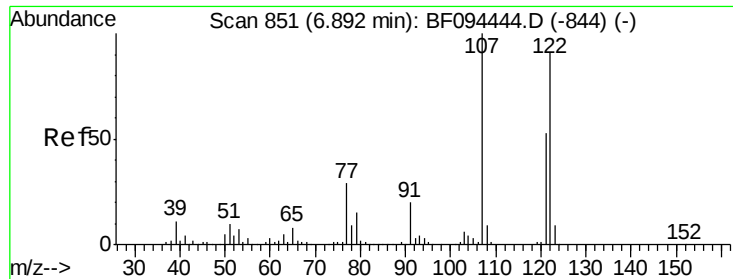
Delta R.T. 0.00 min

Lab File: BF094708.D

Acq: 30 Apr 2017 12:21

Tgt Ion:	139	Resp:	184456
Ion Ratio	Lower	Upper	
139	100		
109	25.3	21.0	31.6
65	44.2	33.0	49.6





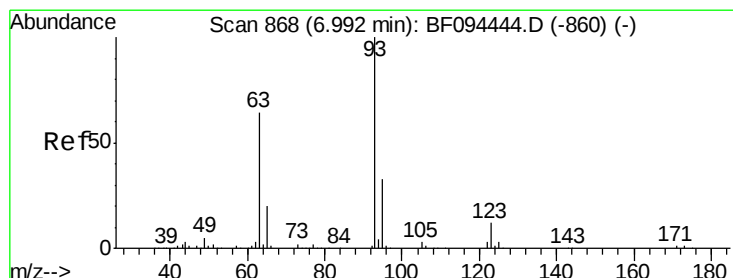
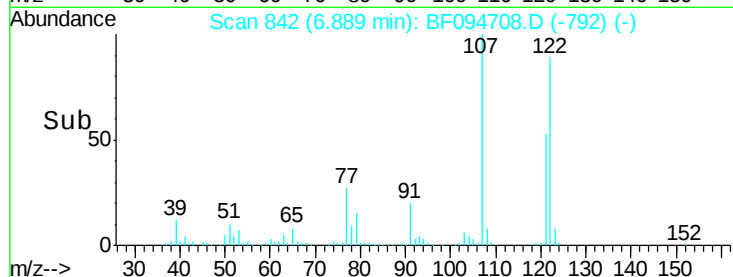
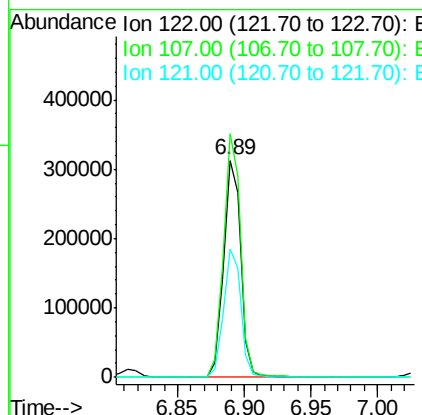
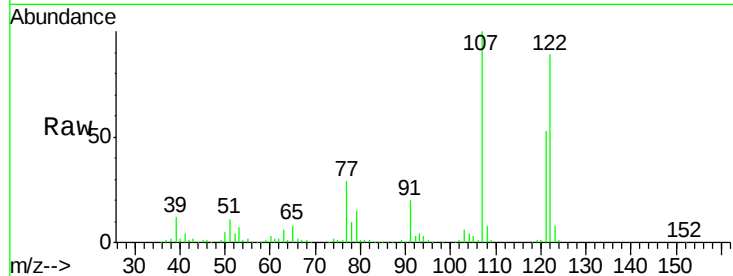
#27
 2,4-Dimethylphenol
 Concen: 41.30 ng
 RT: 6.89 min Scan# 842
 Delta R.T. -0.00 min
 Lab File: BF094708.D
 Acq: 30 Apr 2017 12:21

Instrument :
 BNA_F
 ClientSampleId :
 PB98544BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
287238	122	100			
	107	112.2	89.2	133.8	
	121	59.3	45.2	67.8	

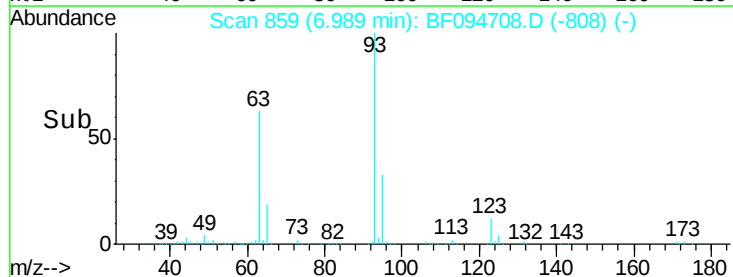
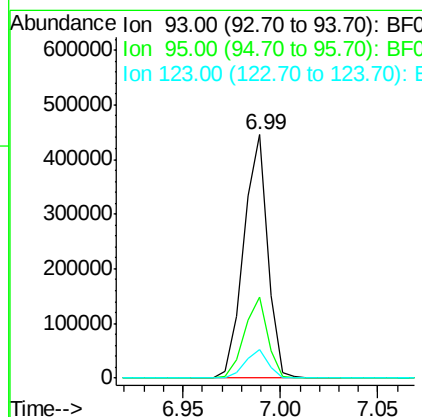
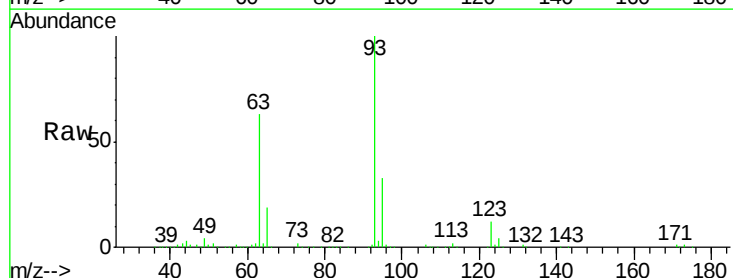
Manual Integrations
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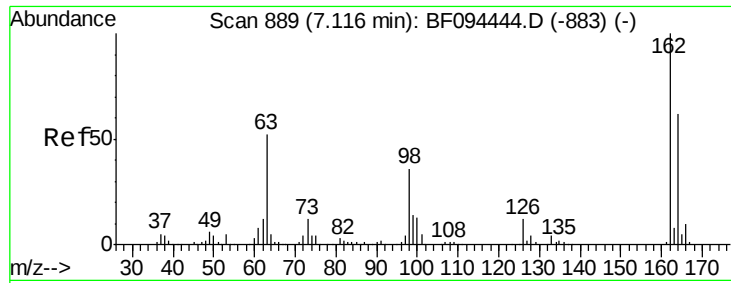
mohammad
 5/1/2017 7:50:41 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.63 ng
 RT: 6.99 min Scan# 859
 Delta R.T. -0.00 min
 Lab File: BF094708.D
 Acq: 30 Apr 2017 12:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
377820	93	100			
	95	33.2	26.5	39.7	
	123	11.6	9.0	13.4	





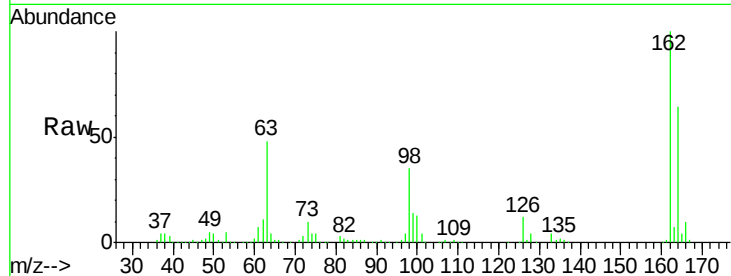
#29
 2,4-Dichlorophenol
 Concen: 44.18 ng
 RT: 7.12 min Scan# 881
 Delta R.T. 0.00 min
 Lab File: BF094708.D
 Acq: 30 Apr 2017 12:21

Instrument :
 BNA_F
 ClientSampleId :
 PB98544BS

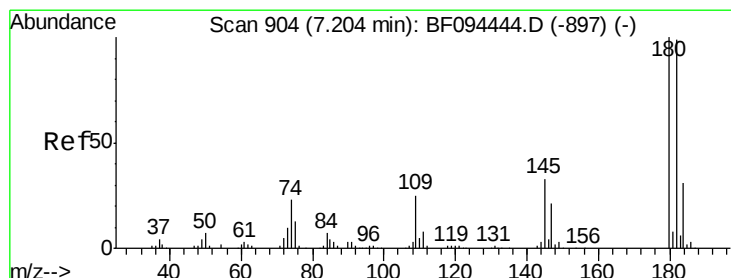
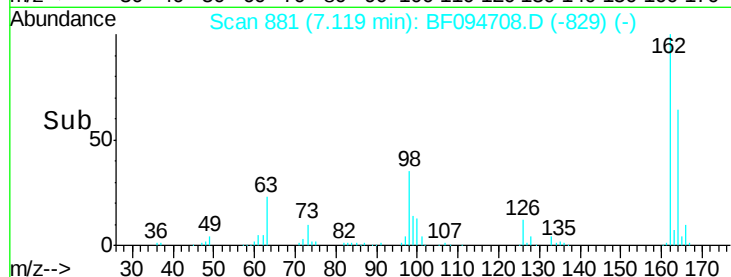
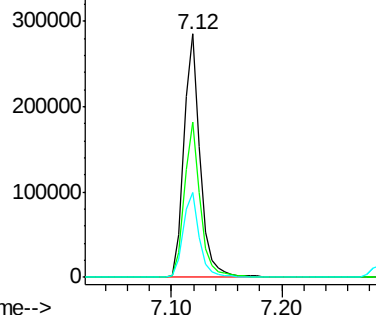
Tot Ion:	162	Resp:	285862
Ion Ratio	Lower	Upper	
162	100		
164	63.6	44.6	84.6
98	35.0	14.8	54.8

Manual Integrations
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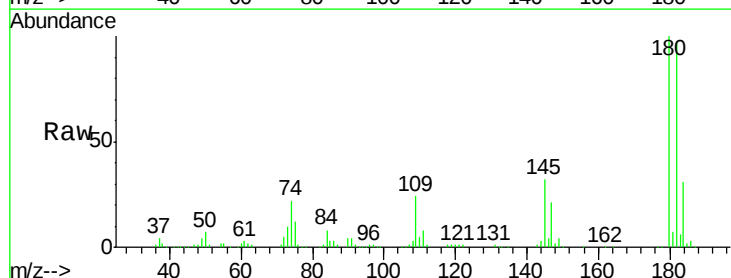


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

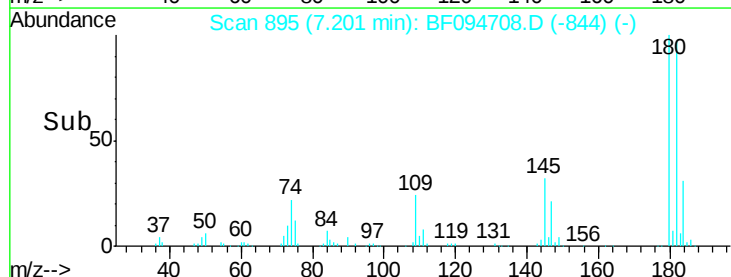
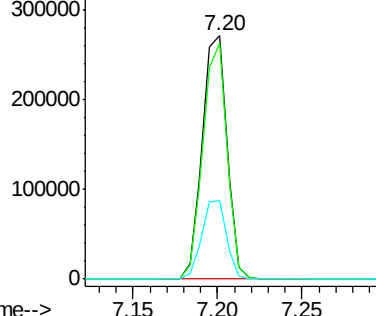


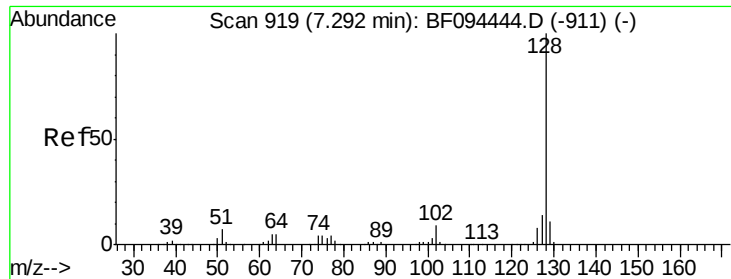
#30
 1,2,4-Trichlorobenzene
 Concen: 41.19 ng
 RT: 7.20 min Scan# 895
 Delta R.T. -0.00 min
 Lab File: BF094708.D
 Acq: 30 Apr 2017 12:21

Tgt Ion:	180	Resp:	275556
Ion Ratio	Lower	Upper	
180	100		
182	96.9	75.8	113.6
145	32.1	25.3	37.9



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





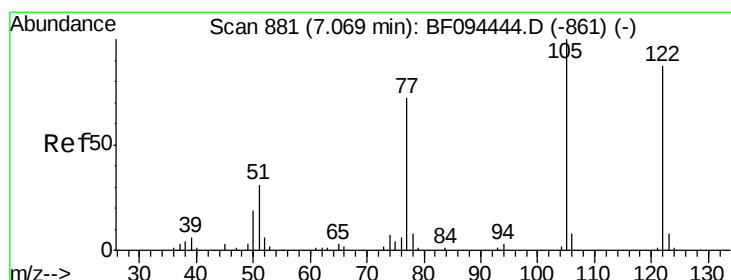
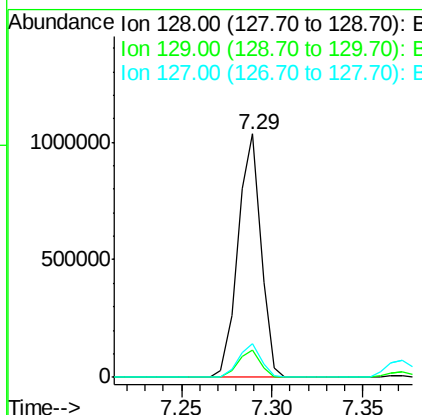
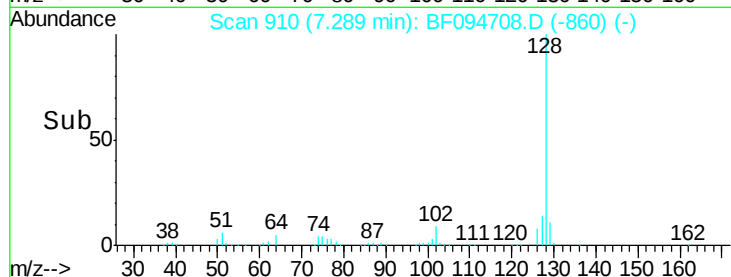
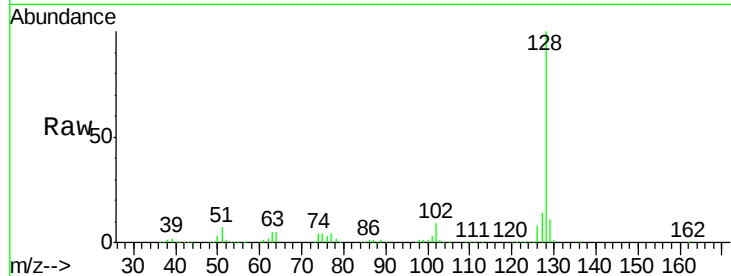
#31
Naphthalene
Concen: 40.54 ng
RT: 7.29 min Scan# 910
Delta R.T. -0.00 min
Lab File: BF094708.D
Acq: 30 Apr 2017 12:21

Instrument :
BNA_F
ClientSampleId :
PB98544BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.4	9.0	13.6	
127	13.6	10.8	16.2	

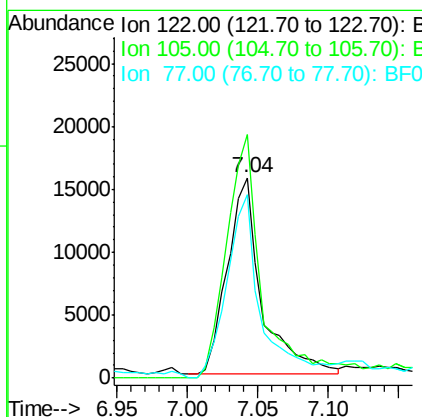
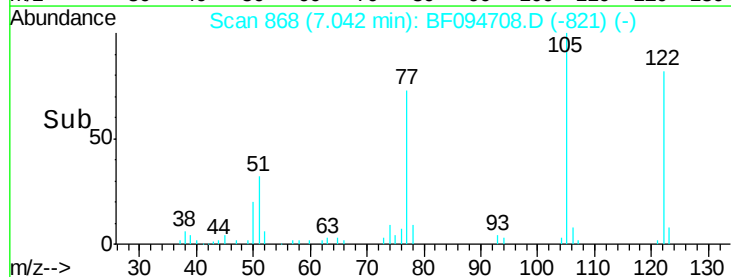
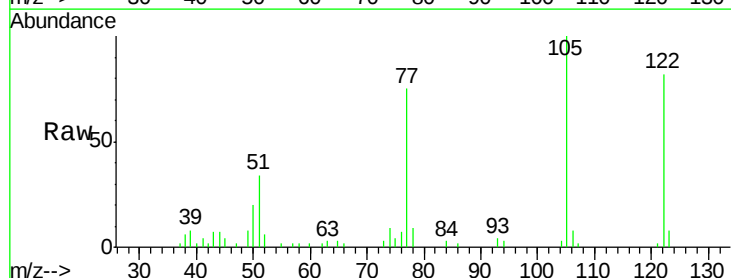
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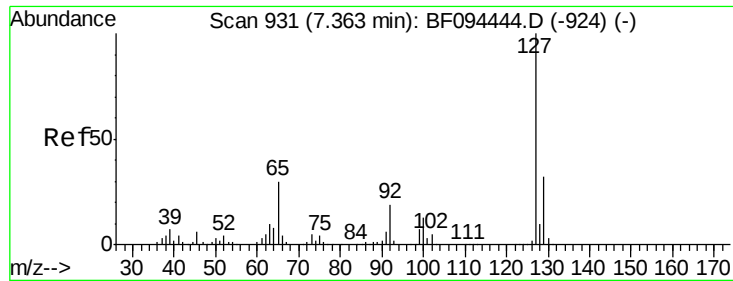
mohammad
5/1/2017 7:50:41 PM



#32
Benzoic acid
Concen: 7.28 ng
RT: 7.04 min Scan# 868
Delta R.T. -0.03 min
Lab File: BF094708.D
Acq: 30 Apr 2017 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	121.6	103.3	143.3	
77	91.6	73.7	113.7	





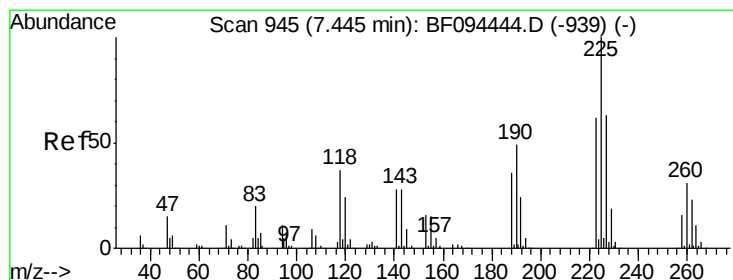
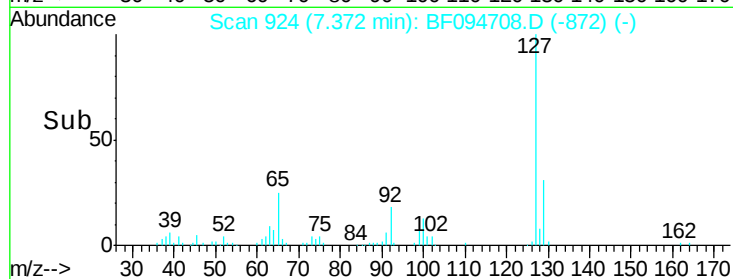
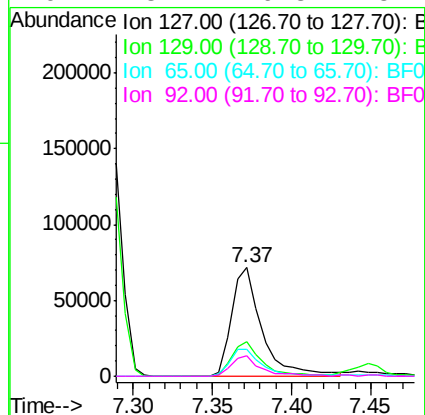
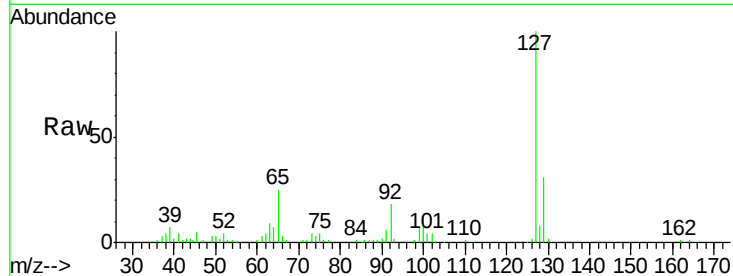
#33
4-Chloroaniline
Concen: 10.18 ng
RT: 7.37 min Scan# 924
Delta R.T. 0.01 min
Lab File: BF094708.D
Acq: 30 Apr 2017 12:21

Instrument :
BNA_F
ClientSampleId :
PB98544BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.2	26.2	39.2
65	25.1	27.8	41.8
92	18.4	16.8	25.2

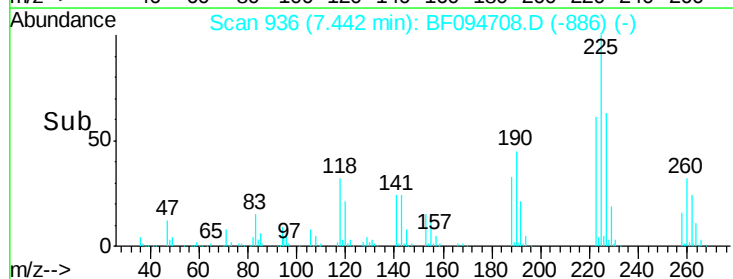
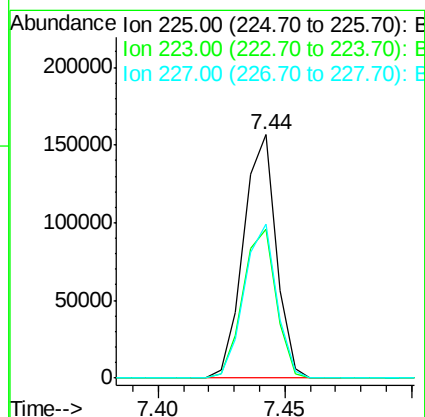
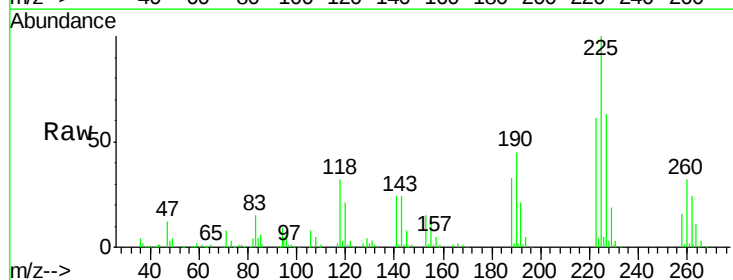
Manual Integrations
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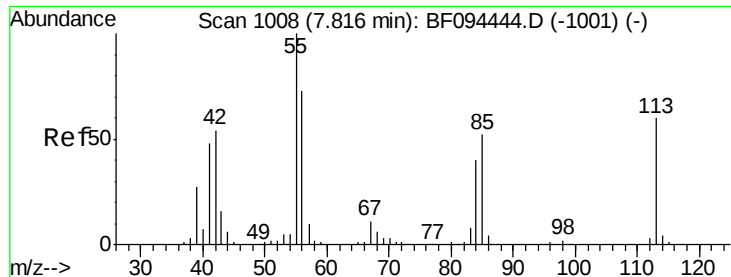
mohammad
5/1/2017 7:50:41 PM



#34
Hexachlorobutadiene
Concen: 42.08 ng
RT: 7.44 min Scan# 936
Delta R.T. -0.00 min
Lab File: BF094708.D
Acq: 30 Apr 2017 12:21

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.1	48.8	73.2
227	63.5	51.1	76.7





#35

Caprolactam

Concen: 46.14 ng/mL

RT: 7.85 min Scan# 1006

Delta R.T. 0.04 min

Lab File: BF094708.D

Acq: 30 Apr 2017 12:21

Instrument :

BNA_F

ClientSampleID :

PB98544BS

Tot Ion: 113 Resp: 93786

Ion Ratio Lower Upper

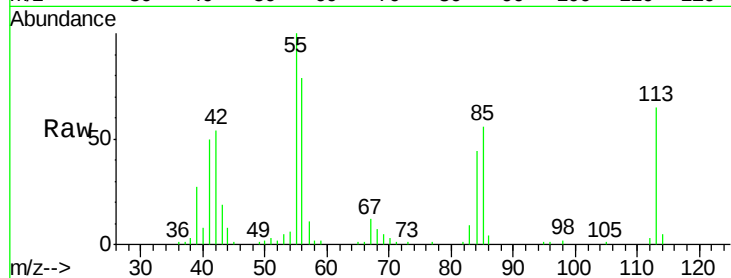
113 100

55 154.7 150.2 190.2

56 121.8 107.8 147.8

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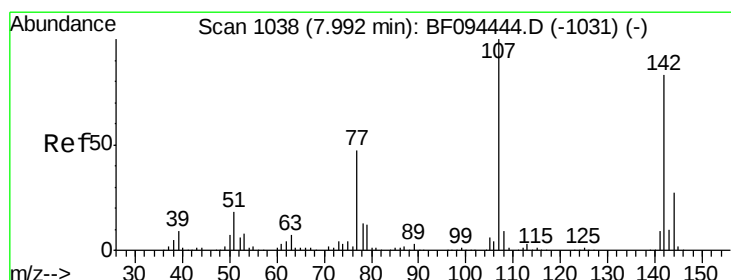
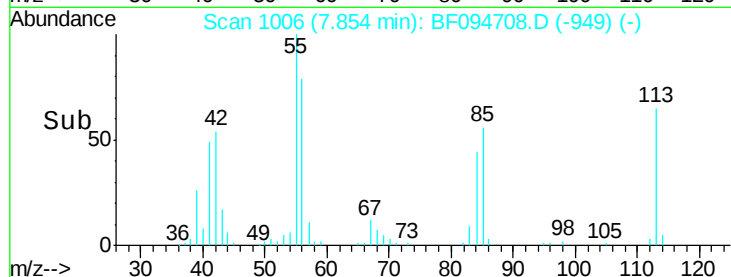
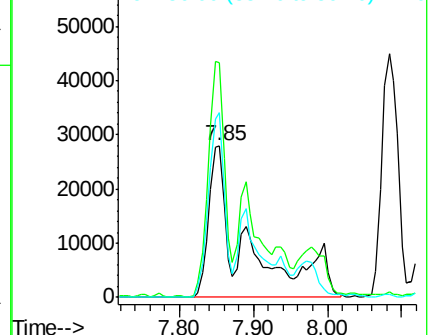
mohammad
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 43.84 ng/mL

RT: 8.00 min Scan# 1030

Delta R.T. 0.00 min

Lab File: BF094708.D

Acq: 30 Apr 2017 12:21

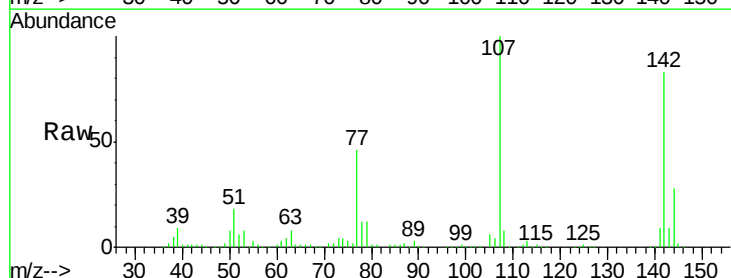
Tgt Ion: 107 Resp: 297241

Ion Ratio Lower Upper

107 100

144 27.7 24.2 36.4

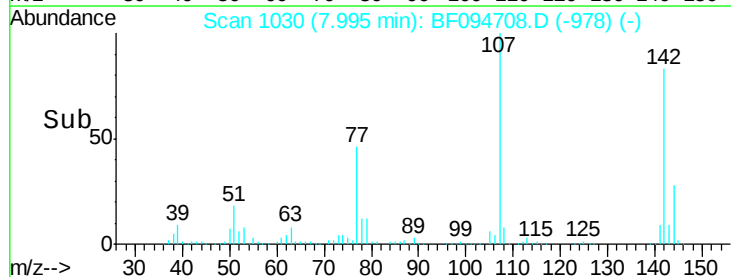
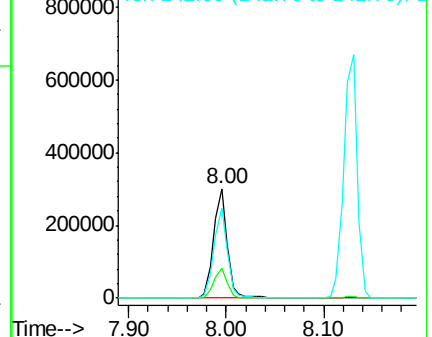
142 82.5 73.4 110.0

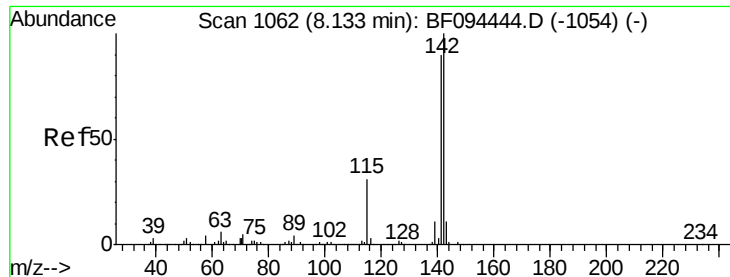


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





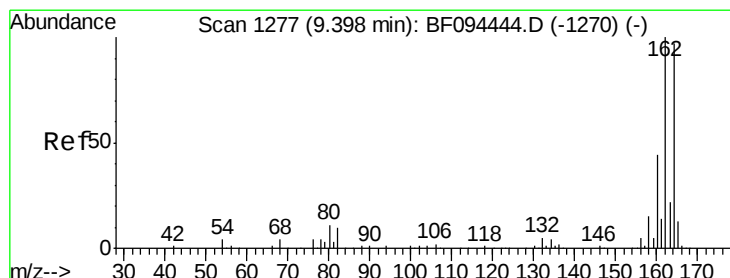
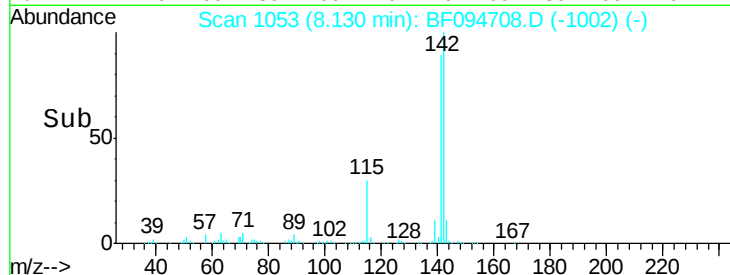
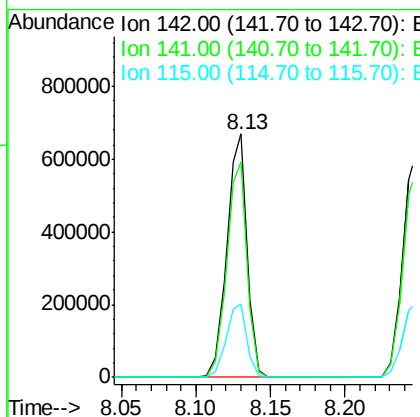
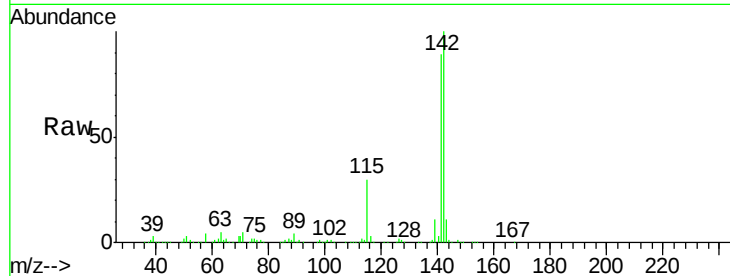
#37
2-Methylnaphthalene
Concen: 41.74 ng
RT: 8.13 min Scan# 1053
Delta R.T. -0.00 min
Lab File: BF094708.D
Acq: 30 Apr 2017 12:21

Instrument :
BNA_F
ClientSampleId :
PB98544BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.5	71.3	106.9
115	30.0	27.1	40.7

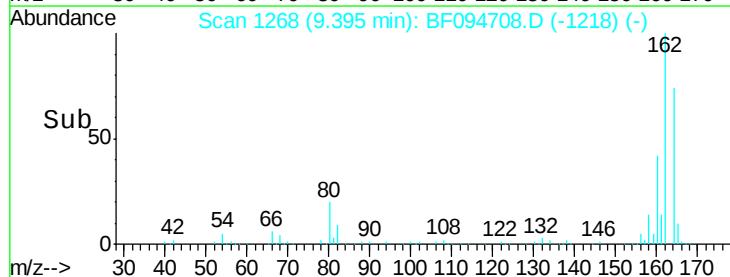
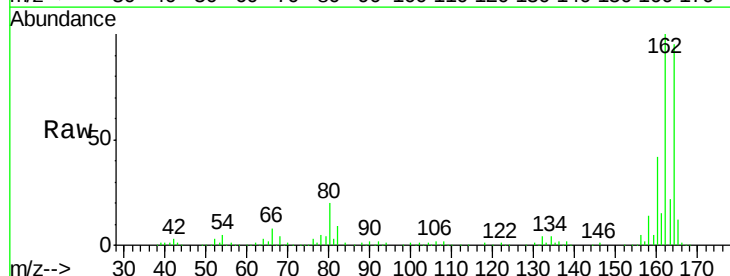
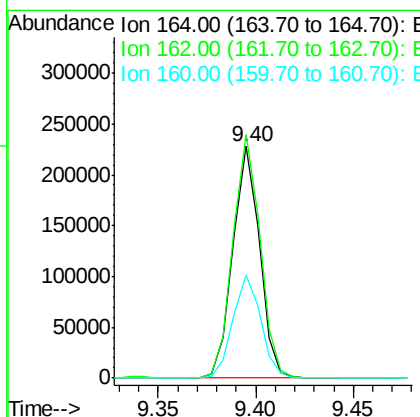
Manual Integrations
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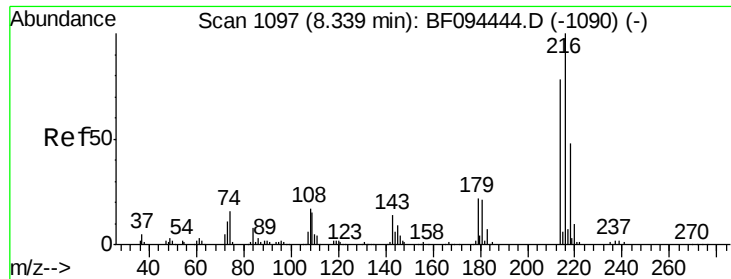
mohammad
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.40 min Scan# 1268
Delta R.T. -0.00 min
Lab File: BF094708.D
Acq: 30 Apr 2017 12:21

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.9	82.6	123.8
160	44.3	36.2	54.2





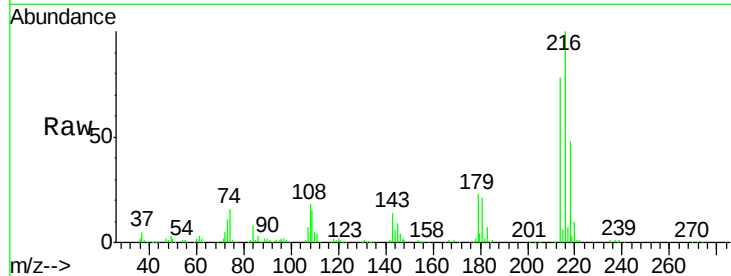
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.04 ng
 RT: 8.34 min Scan# 1088
 Delta R.T. -0.00 min
 Lab File: BF094708.D
 Acq: 30 Apr 2017 12:21

Instrument :
 BNA_F
 ClientSampleId :
 PB98544BS

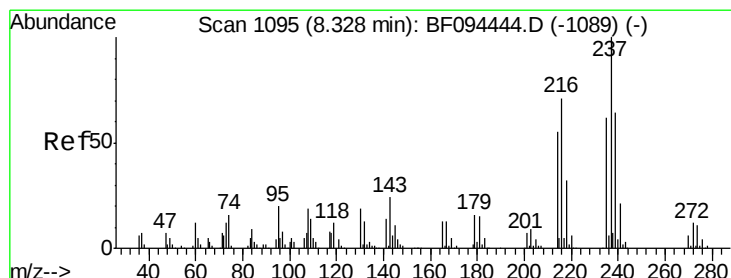
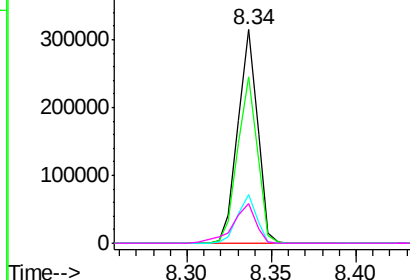
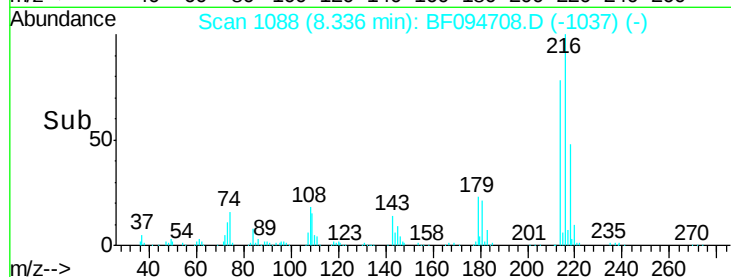
Tot Ion	Ratio	Resp	Lower	Upper
216	100	254260		
214	78.5	63.4	95.2	
179	22.2	17.9	26.9	
108	21.7	16.5	24.7	

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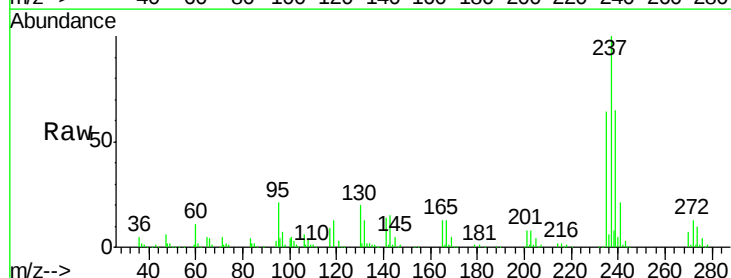


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

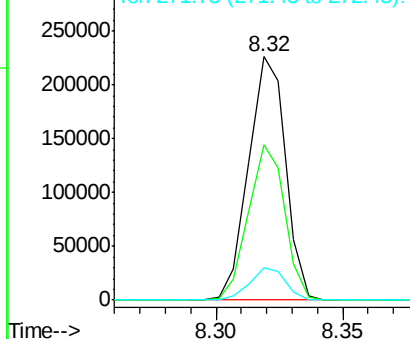
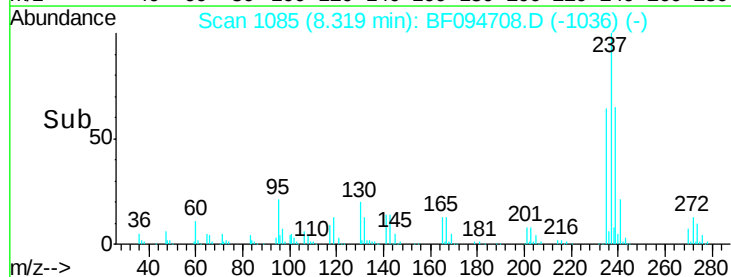


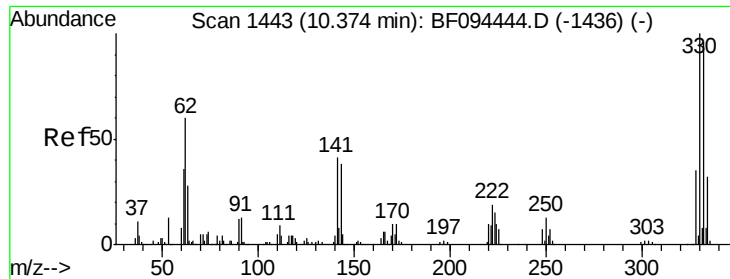
#40
 Hexachlorocyclopentadiene
 Concen: 91.33 ng
 RT: 8.32 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: BF094708.D
 Acq: 30 Apr 2017 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	228896		
235	63.9	42.6	82.6	
272	13.1	0.0	31.9	



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





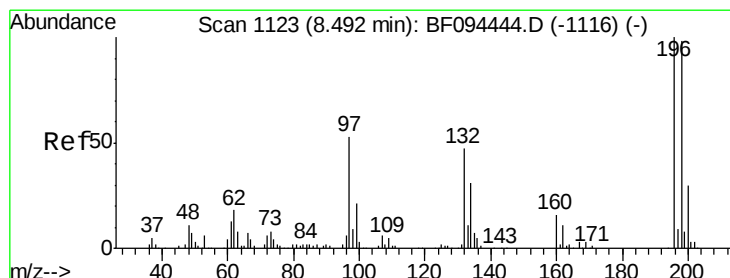
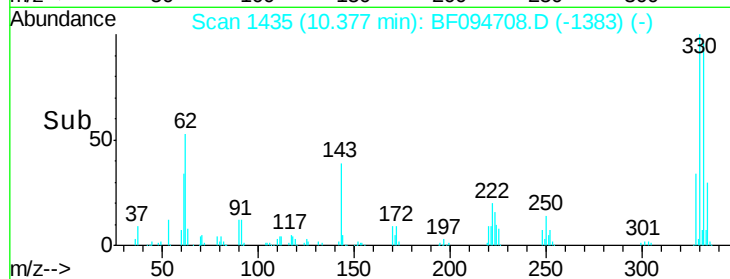
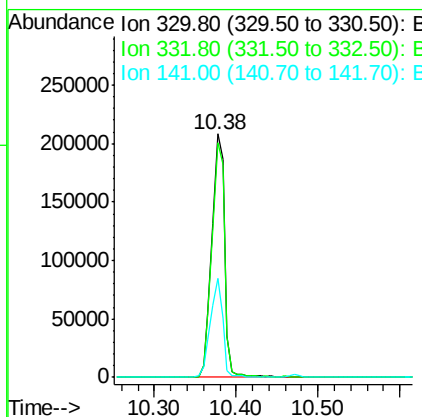
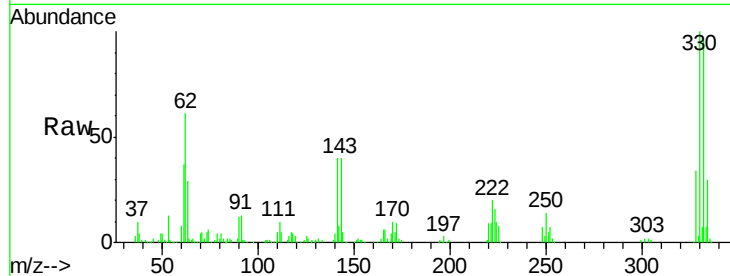
#41
 2,4,6-Tribromophenol
 Concen: 135.45 ng
 RT: 10.38 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: BF094708.D
 Acq: 30 Apr 2017 12:21

Instrument :
 BNA_F
 ClientSampled :
 PB98544BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	230515		
332	95.8	76.6	115.0	
141	38.7	31.4	47.2	

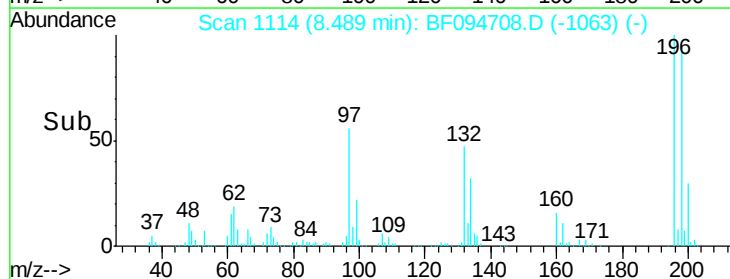
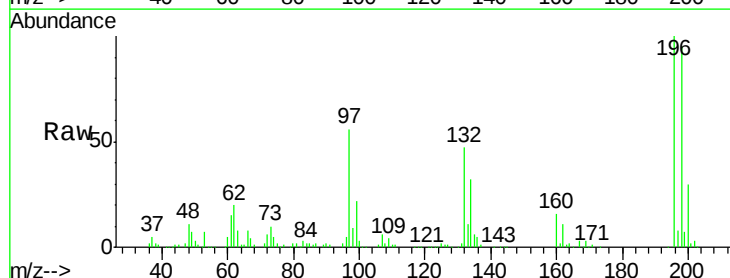
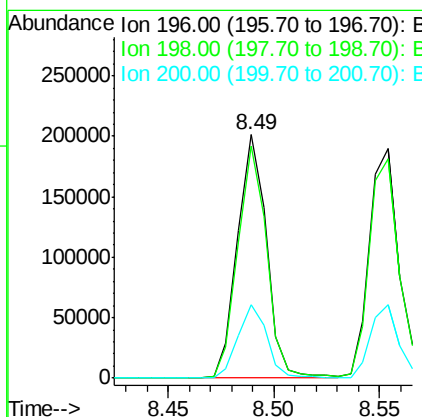
Manual Integrations
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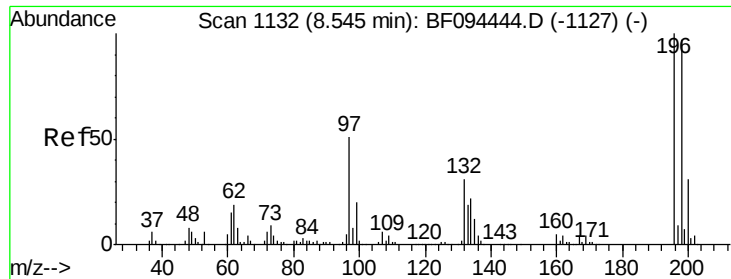
mohammad
 5/1/2017 7:50:41 PM



#42
 2,4,6-Trichlorophenol
 Concen: 44.49 ng
 RT: 8.49 min Scan# 1114
 Delta R.T. -0.00 min
 Lab File: BF094708.D
 Acq: 30 Apr 2017 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	193579		
198	95.4	74.2	111.4	
200	30.2	24.0	36.0	





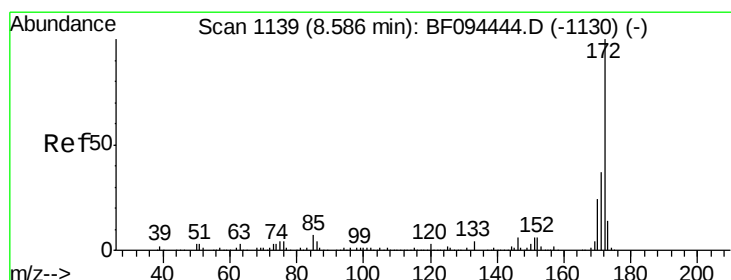
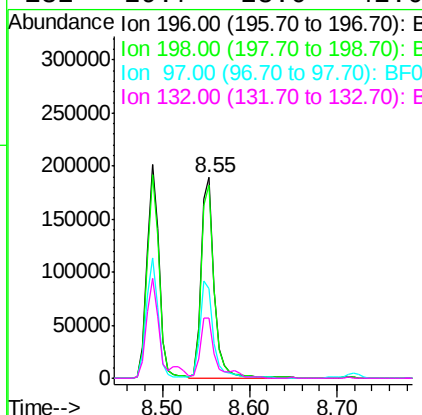
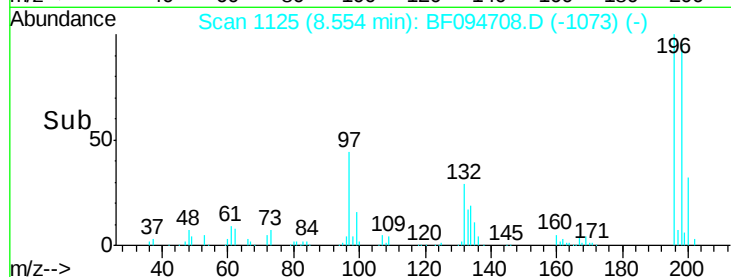
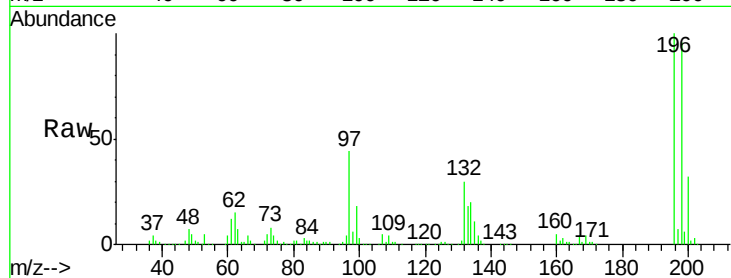
#43
 2,4,5-Trichlorophenol
 Concen: 44.53 ng
 RT: 8.55 min Scan# 1125
 Delta R.T. 0.01 min
 Lab File: BF094708.D
 Acq: 30 Apr 2017 12:21

Instrument :
 BNA_F
 ClientSampleId :
 PB98544BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	198978		
198	96.0	75.7	113.5	
97	44.3	47.7	71.5#	
132	29.7	28.0	42.0	

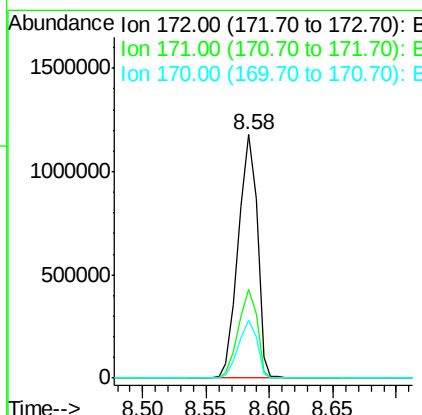
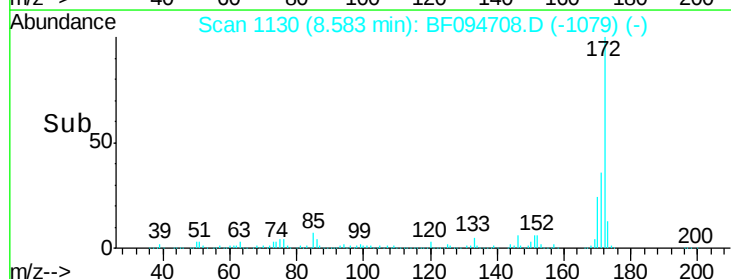
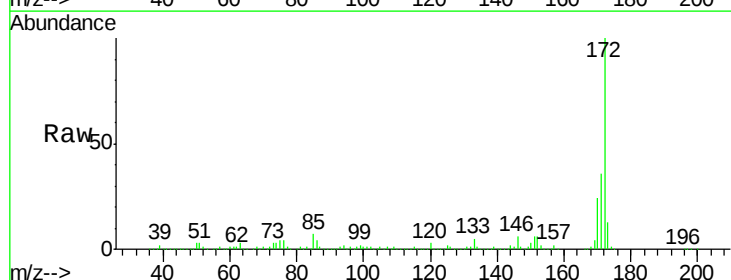
Manual Integrations
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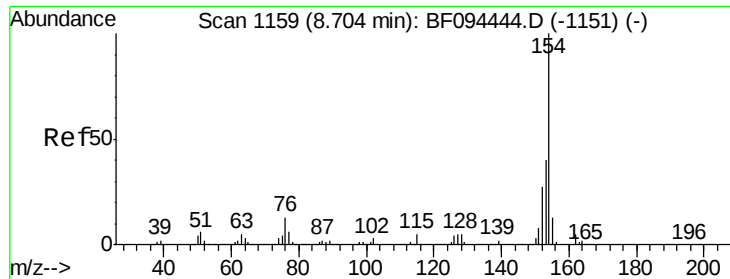
mohammad
 5/1/2017 7:50:41 PM



#44
 2-Fluorobiphenyl
 Concen: 82.05 ng
 RT: 8.58 min Scan# 1130
 Delta R.T. -0.00 min
 Lab File: BF094708.D
 Acq: 30 Apr 2017 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1213230		
171	36.3	29.6	44.4	
170	23.7	19.8	29.8	





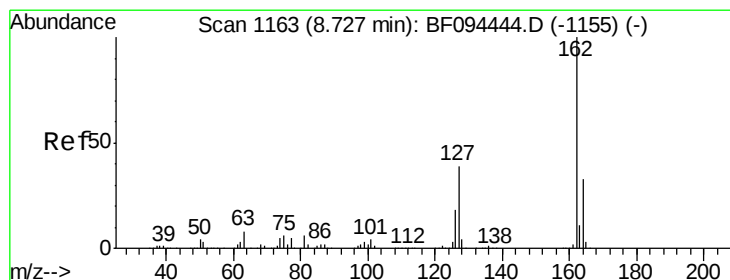
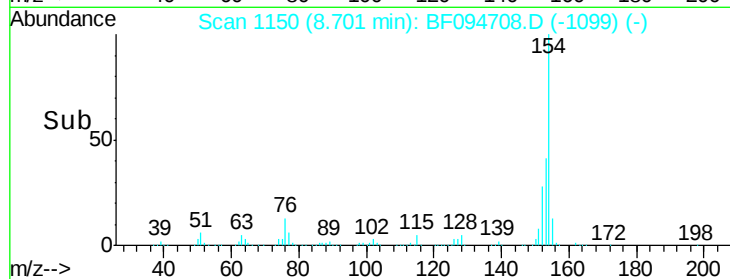
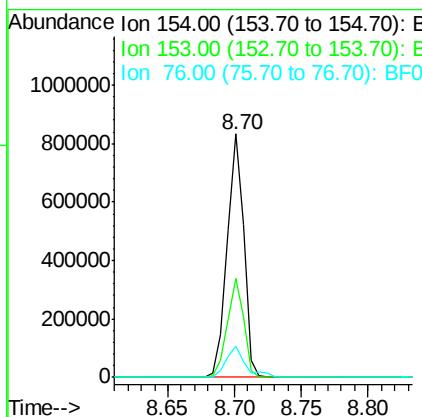
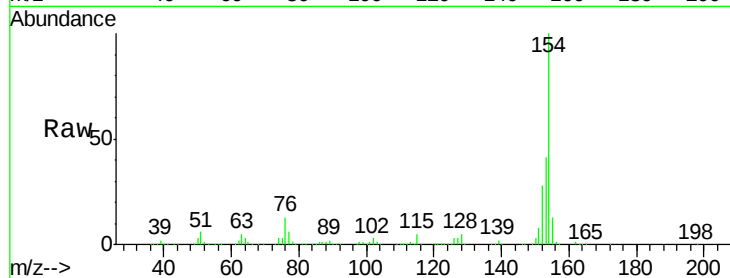
#45
 1,1'-Biphenyl
 Concen: 41.81 ng
 RT: 8.70 min Scan# 1150
 Delta R.T. -0.00 min
 Lab File: BF094708.D
 Acq: 30 Apr 2017 12:21

Instrument :
 BNA_F
 ClientSampleId :
 PB98544BS

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.6	21.2	61.2	
76	13.0	0.0	29.9	

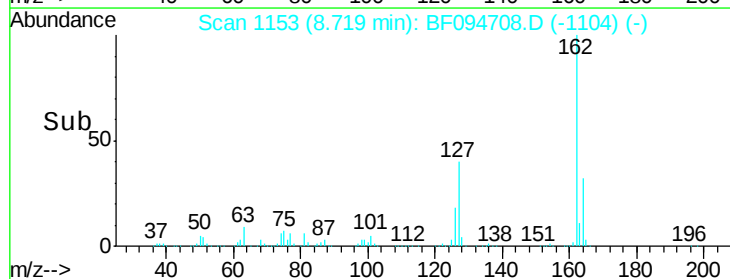
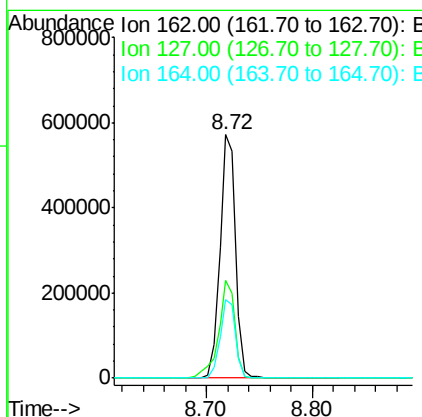
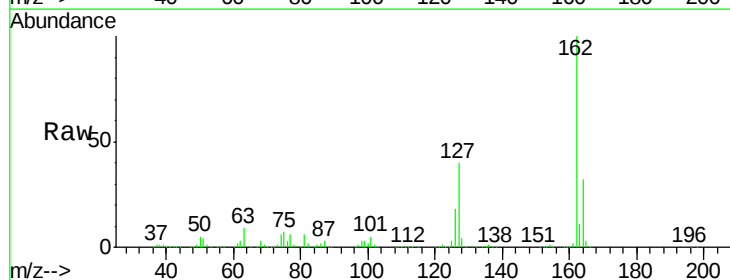
Manual Integrations
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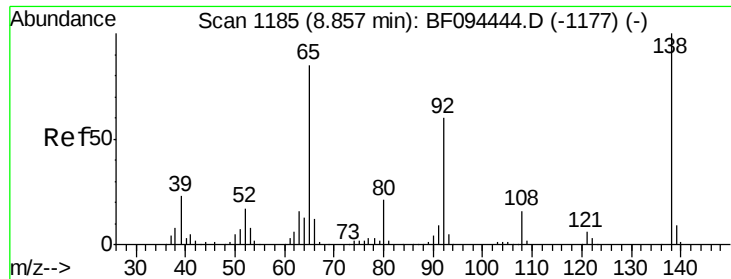
mohammad
 5/1/2017 7:50:41 PM



#46
 2-Chloronaphthalene
 Concen: 41.81 ng
 RT: 8.72 min Scan# 1153
 Delta R.T. -0.01 min
 Lab File: BF094708.D
 Acq: 30 Apr 2017 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	40.2	28.3	42.5	
164	32.0	27.0	40.4	





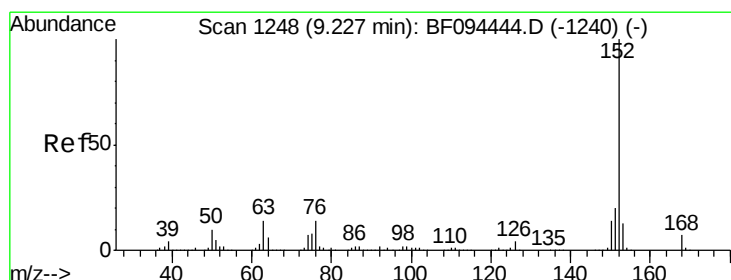
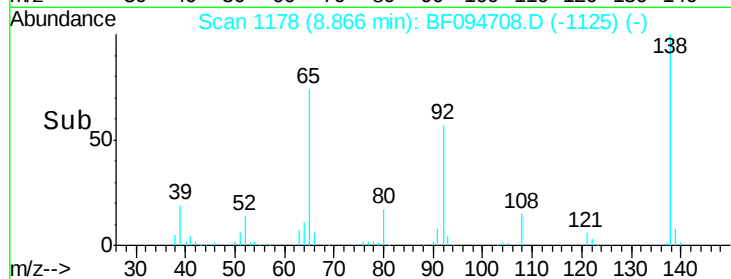
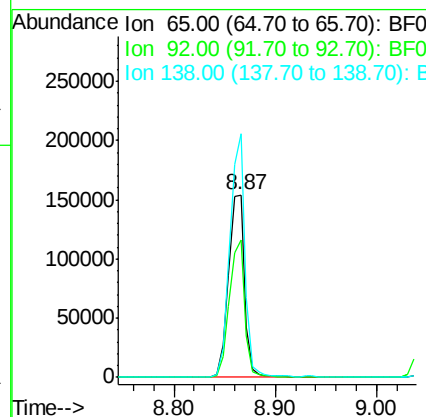
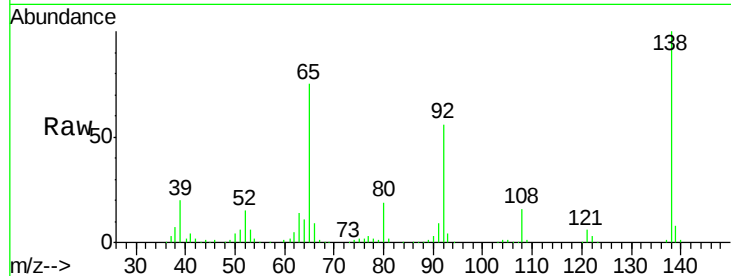
#47
2-Nitroaniline
Concen: 42.04 ng
RT: 8.87 min Scan# 1178
Delta R.T. 0.01 min
Lab File: BF094708.D
Acq: 30 Apr 2017 12:21

Instrument :
BNA_F
ClientSampleId :
PB98544BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	75.5	53.9	80.9
138	133.6	78.8	118.2

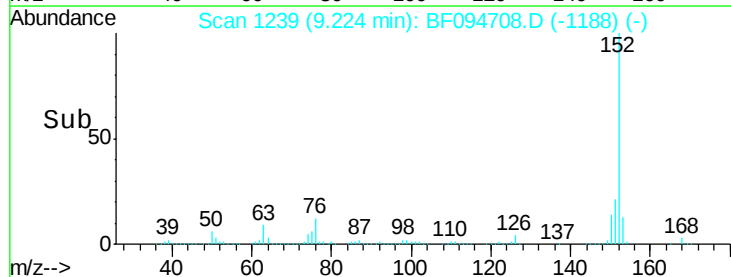
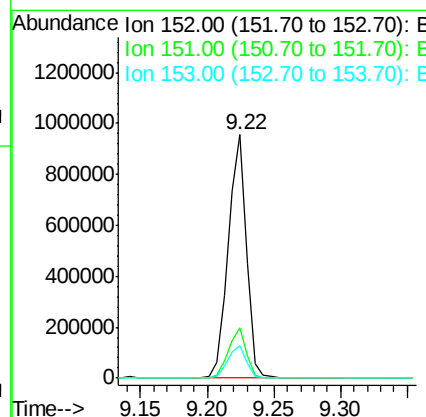
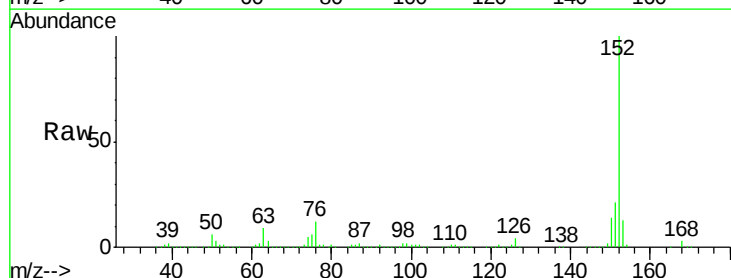
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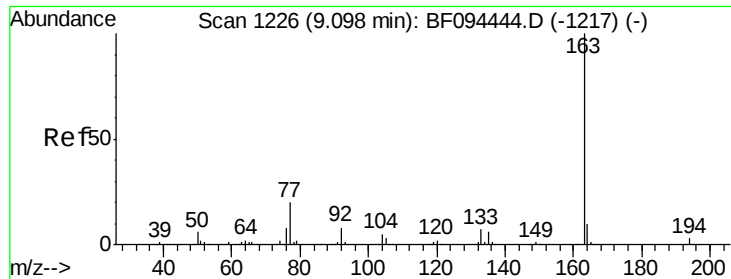
mohammad
5/1/2017 7:50:41 PM



#48
Acenaphthylene
Concen: 41.87 ng
RT: 9.22 min Scan# 1239
Delta R.T. -0.00 min
Lab File: BF094708.D
Acq: 30 Apr 2017 12:21

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.8	25.2
153	13.1	10.8	16.2





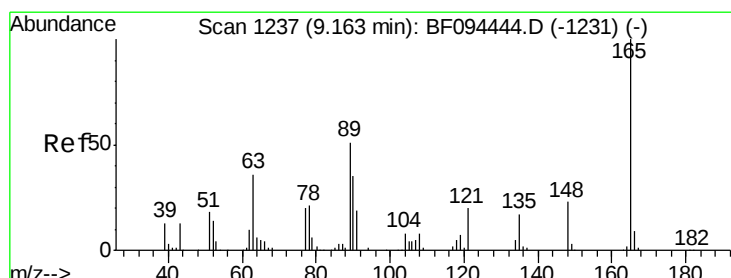
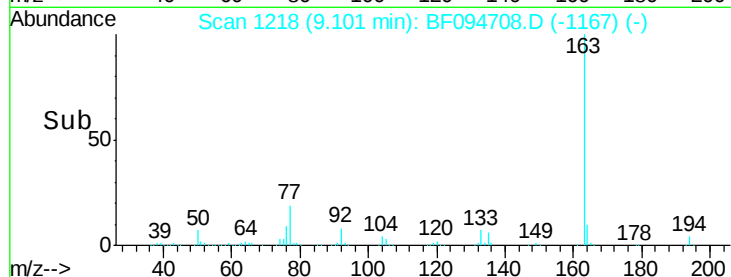
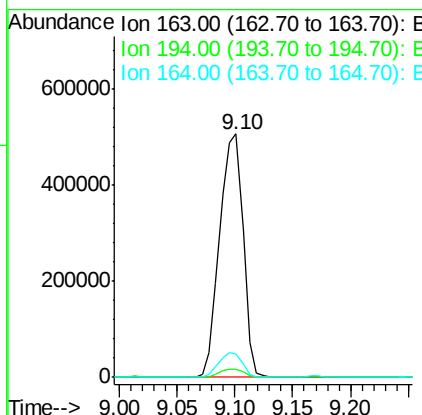
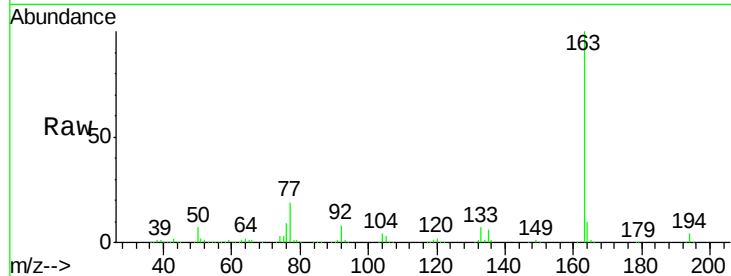
#49
Dimethylphthalate
Concen: 44.25 ng
RT: 9.10 min Scan# 1218
Delta R.T. 0.00 min
Lab File: BF094708.D
Acq: 30 Apr 2017 12:21

Instrument :
BNA_F
ClientSampleId :
PB98544BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	717471		
194	3.6		2.6	4.0
164	9.9		8.4	12.6

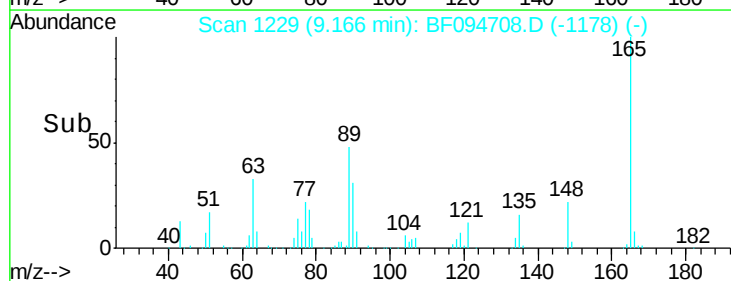
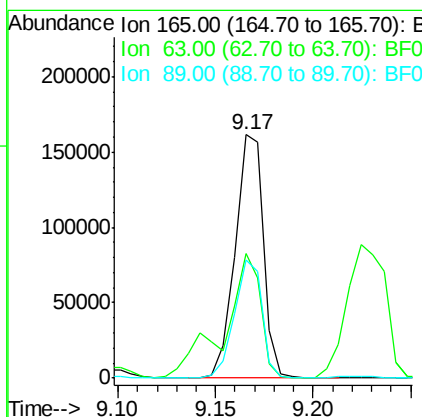
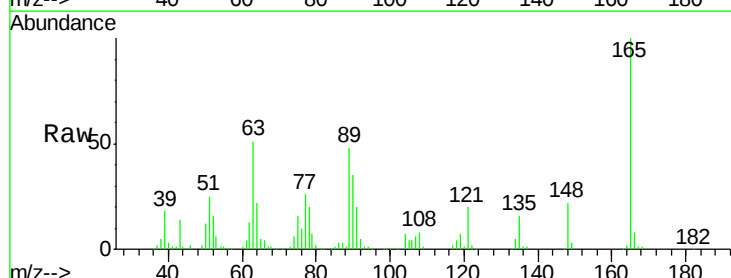
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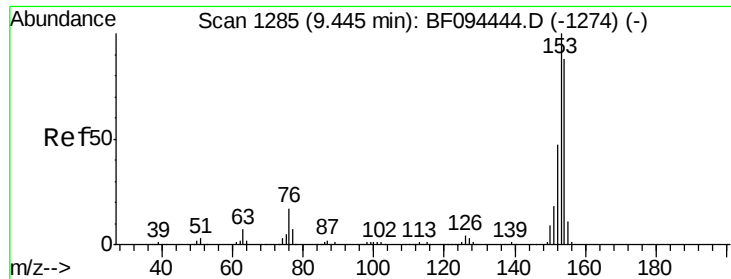
mohammad
5/1/2017 7:50:41 PM



#50
2,6-Dinitrotoluene
Concen: 44.40 ng
RT: 9.17 min Scan# 1229
Delta R.T. 0.00 min
Lab File: BF094708.D
Acq: 30 Apr 2017 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	161599		
63	51.2		34.3	51.5
89	48.4		37.1	55.7





#51

Acenaphthene

Concen: 41.48 ng

RT: 9.44 min Scan# 1275

Delta R.T. -0.01 min

Lab File: BF094708.D

Acq: 30 Apr 2017 12:21

Instrument :

BNA_F

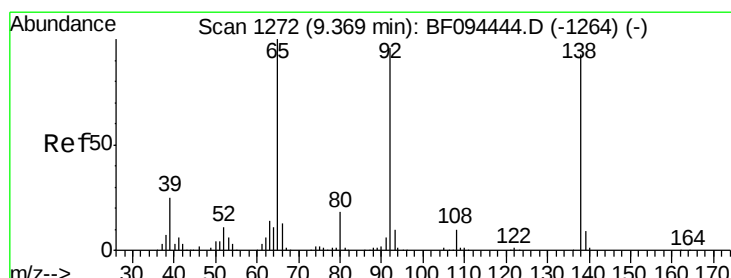
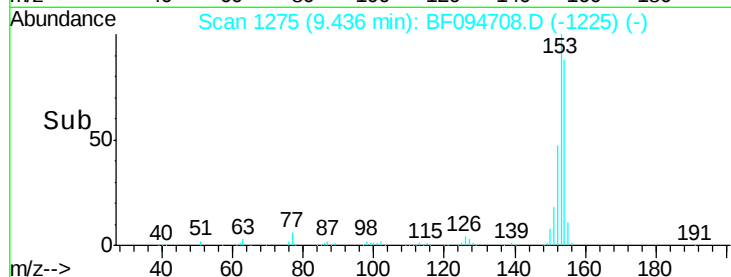
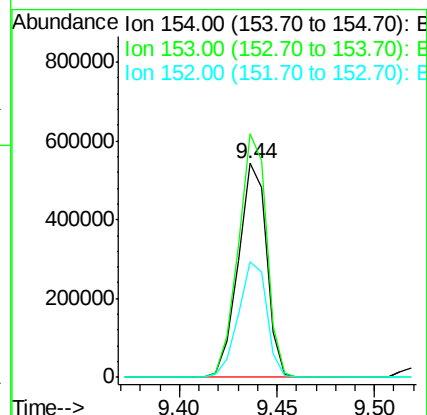
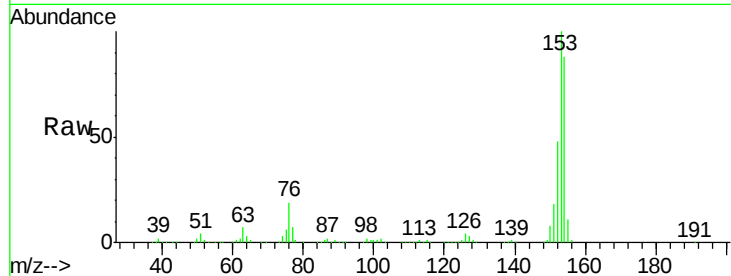
ClientSampleId :

PB98544BS

Tot Ion:	154	Resp:	547365
Ion Ratio	Lower	Upper	
154	100		
153	113.7	90.5	135.7
152	54.0	43.6	65.4

Manual Integrations
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#52

3-Nitroaniline

Concen: 25.42 ng

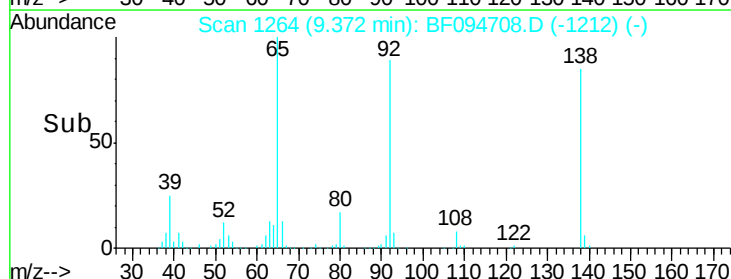
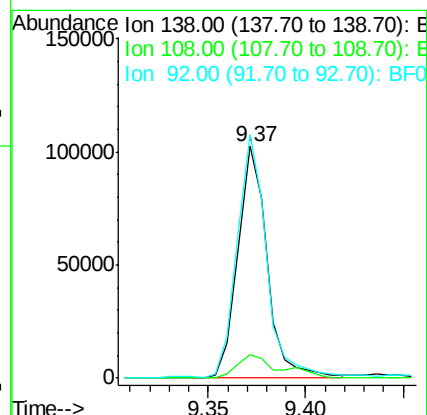
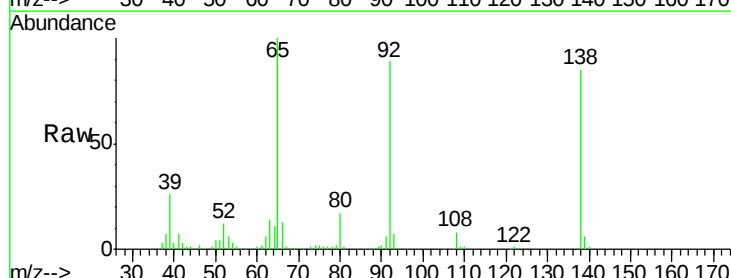
RT: 9.37 min Scan# 1264

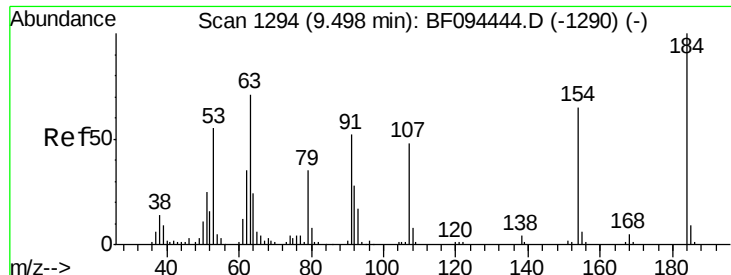
Delta R.T. 0.00 min

Lab File: BF094708.D

Acq: 30 Apr 2017 12:21

Tgt Ion:	138	Resp:	107019
Ion Ratio	Lower	Upper	
138	100		
108	9.9	9.1	13.7
92	105.0	93.8	140.6





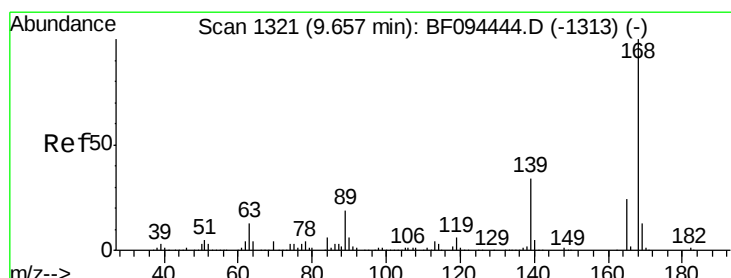
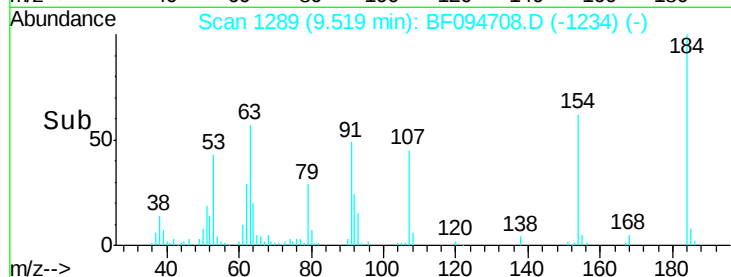
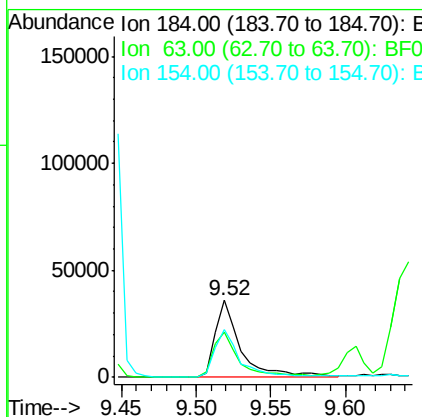
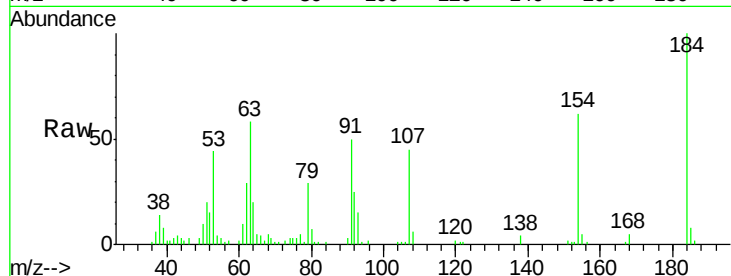
#53
 2,4-Dinitrophenol
 Concen: 26.32 ng
 RT: 9.52 min Scan# 1289
 Delta R.T. 0.02 min
 Lab File: BF094708.D
 Acq: 30 Apr 2017 12:21

Instrument :
 BNA_F
 ClientSampleId :
 PB98544BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	58.2	62.7	94.1#
154	62.3	81.1	121.7#

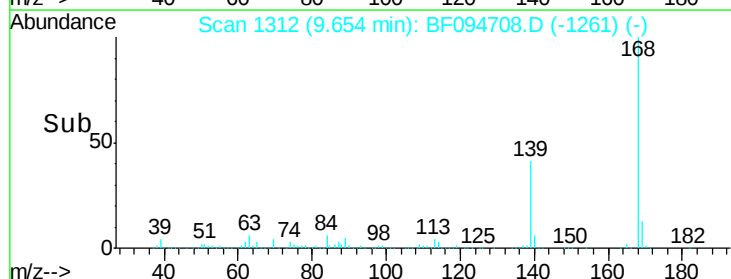
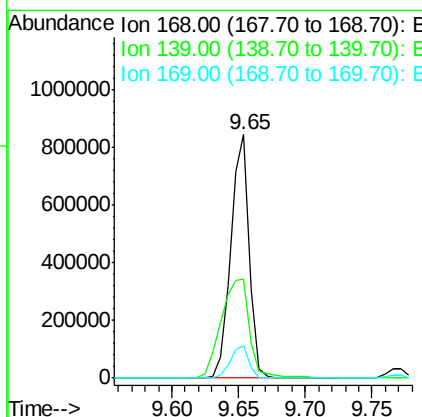
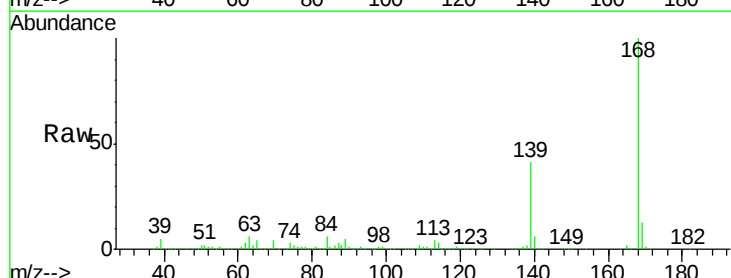
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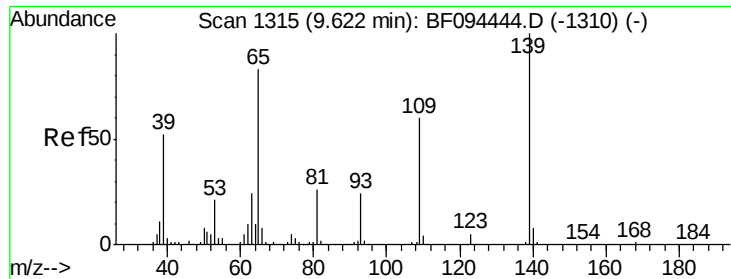
mohammad
 5/1/2017 7:50:41 PM



#54
 Dibenzofuran
 Concen: 42.78 ng
 RT: 9.65 min Scan# 1312
 Delta R.T. -0.00 min
 Lab File: BF094708.D
 Acq: 30 Apr 2017 12:21

Tgt Ion	Ratio	Lower	Upper
168	100		
139	40.6	30.6	45.8
169	13.3	10.8	16.2





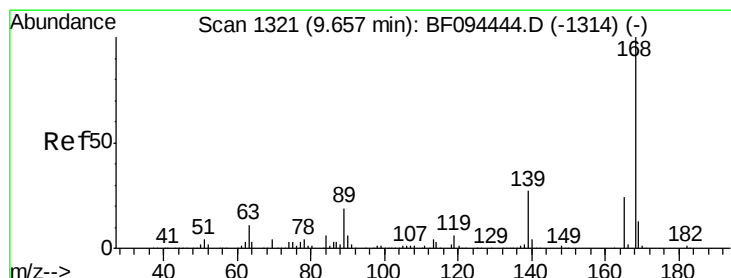
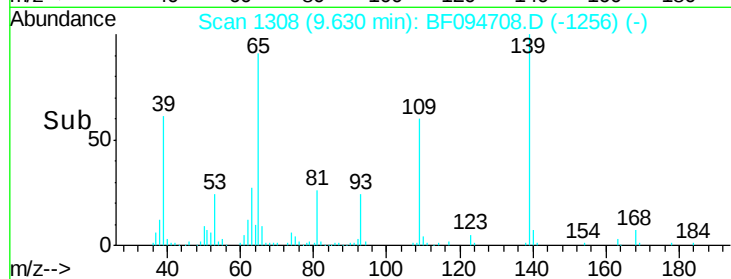
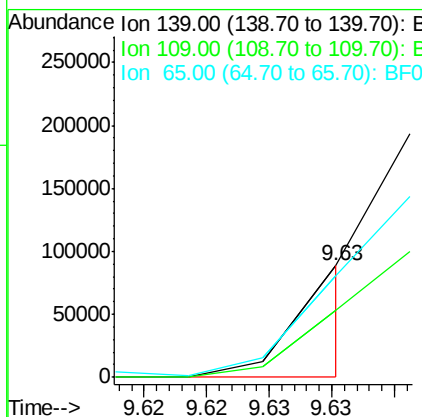
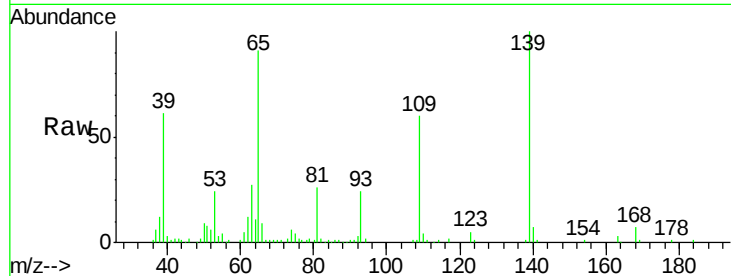
#55
4-Nitrophenol
Concen: 11.97 ng/ml
RT: 9.63 min Scan# 1308
Delta R.T. 0.01 min
Lab File: BF094708.D
Acq: 30 Apr 2017 12:21

Instrument :
BNA_F
ClientSampleId :
PB98544BS

Tot Ion	Ratio	Lower	Upper
139	100		
109	60.4	34.1	74.1
65	91.0	31.4	71.4

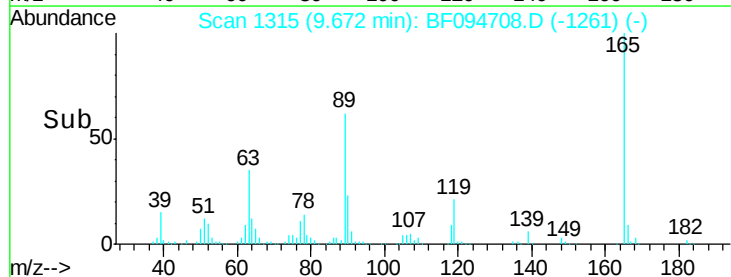
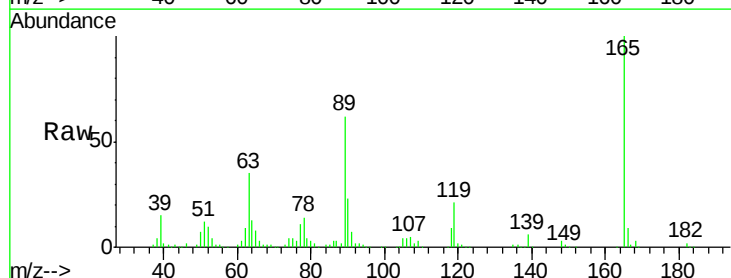
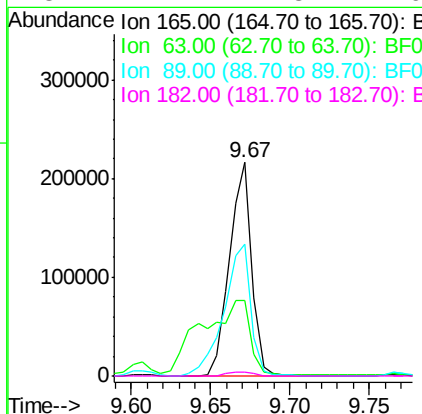
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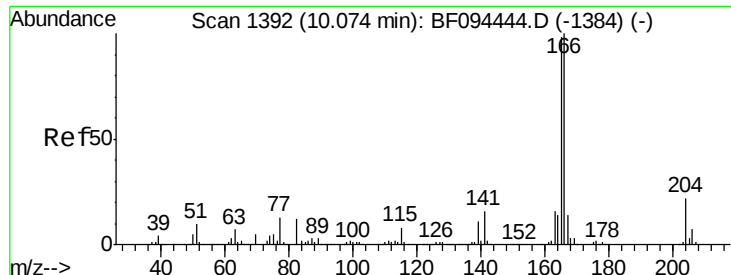
mohammad
5/1/2017 7:50:41 PM



#56
2,4-Dinitrotoluene
Concen: 47.21 ng/ml
RT: 9.67 min Scan# 1315
Delta R.T. 0.01 min
Lab File: BF094708.D
Acq: 30 Apr 2017 12:21

Tgt Ion	Ratio	Lower	Upper
165	100		
63	35.3	25.4	38.0
89	62.0	46.4	69.6
182	2.1	1.8	2.6





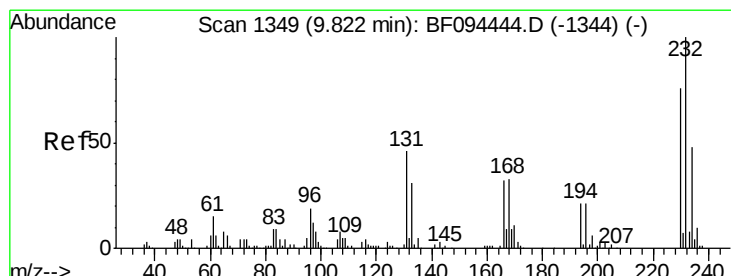
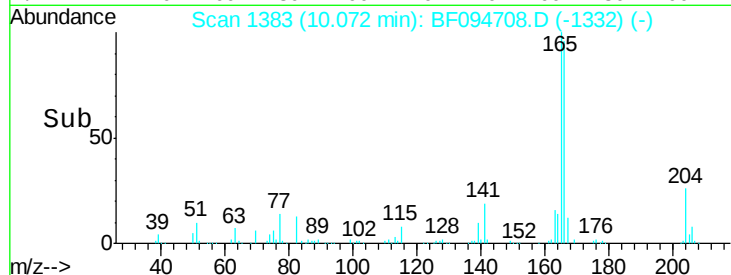
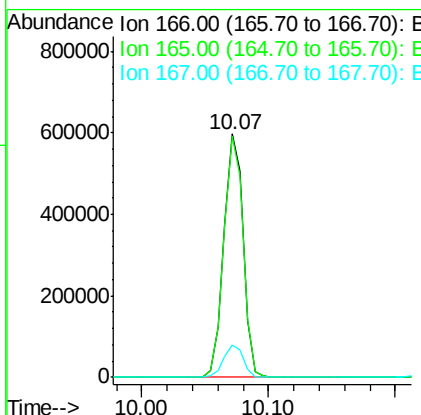
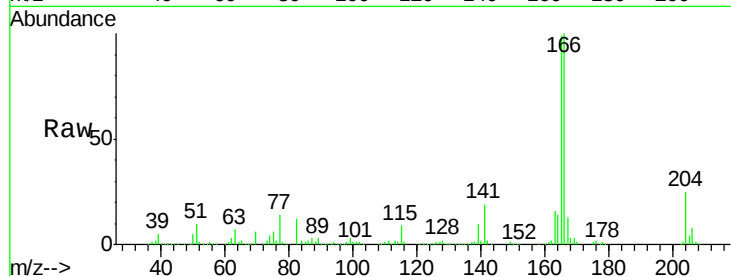
#57
 Fluorene
 Concen: 42.24 ng
 RT: 10.07 min Scan# 1383
 Delta R.T. -0.00 min
 Lab File: BF094708.D
 Acq: 30 Apr 2017 12:21

Instrument :
 BNA_F
 ClientSampleId :
 PB98544BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	630949		
165	99.0		78.8	118.2
167	13.4		10.6	16.0

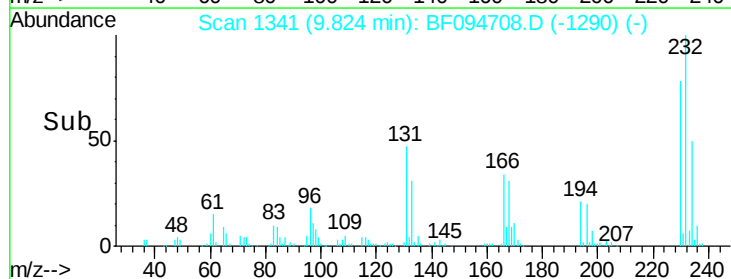
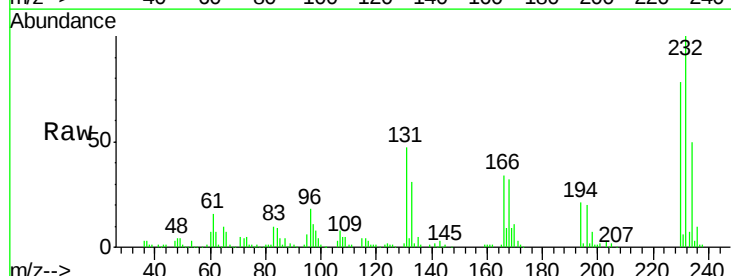
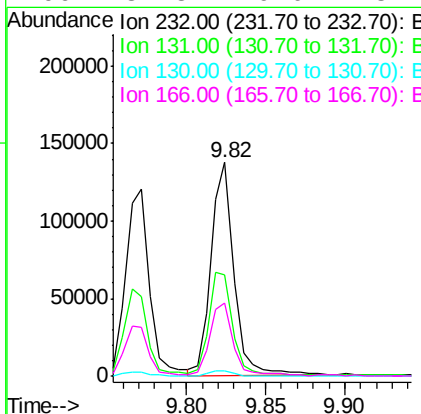
Manual Integrations
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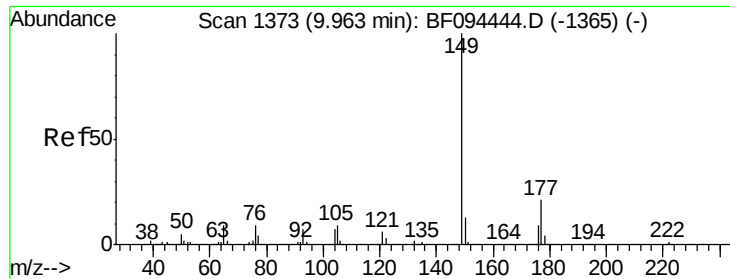
mohammad
 5/1/2017 7:50:41 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 42.86 ng
 RT: 9.82 min Scan# 1341
 Delta R.T. 0.00 min
 Lab File: BF094708.D
 Acq: 30 Apr 2017 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	137246		
131	51.9		44.8	67.2
130	2.5		2.3	3.5
166	34.8		29.0	43.4





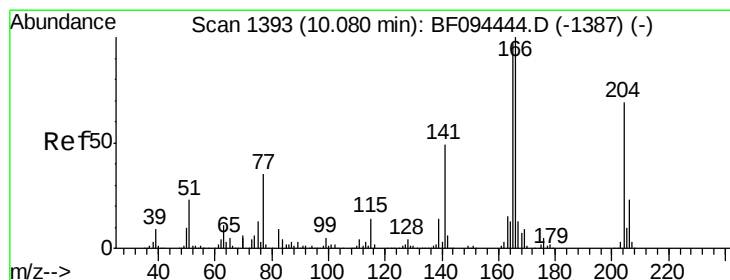
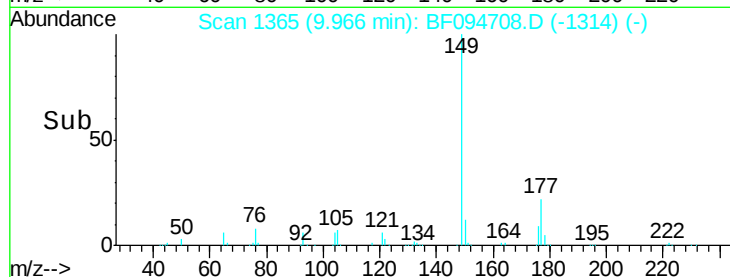
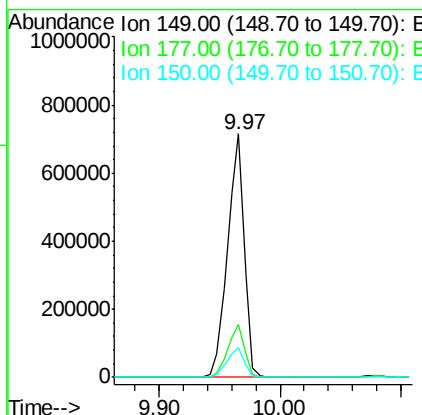
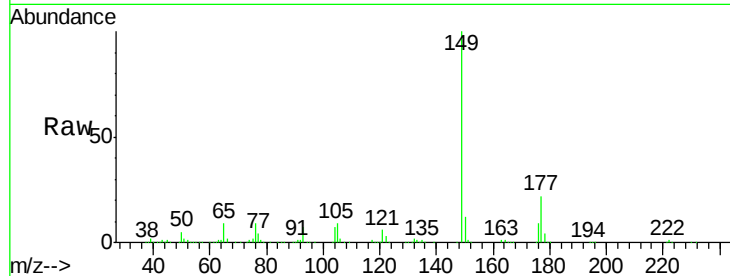
#59
Diethylphthalate
Concen: 44.88 ng
RT: 9.97 min Scan# 1365
Delta R.T. 0.00 min
Lab File: BF094708.D
Acq: 30 Apr 2017 12:21

Instrument :
BNA_F
ClientSampleId :
PB98544BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	686645		
177	21.7		16.7	25.1
150	12.2		10.2	15.2

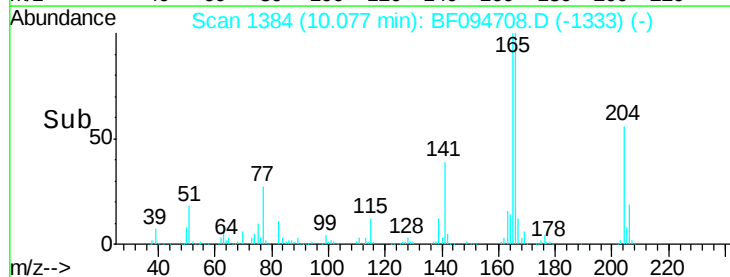
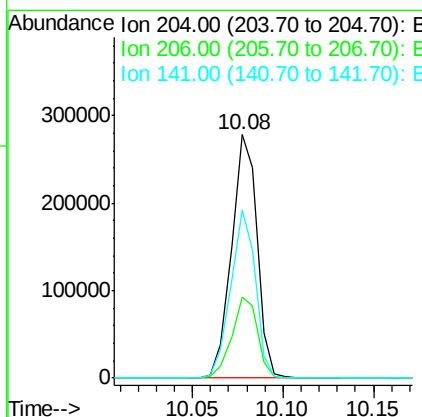
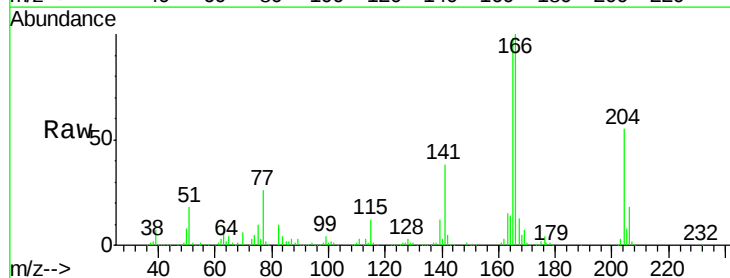
Manual Integrations
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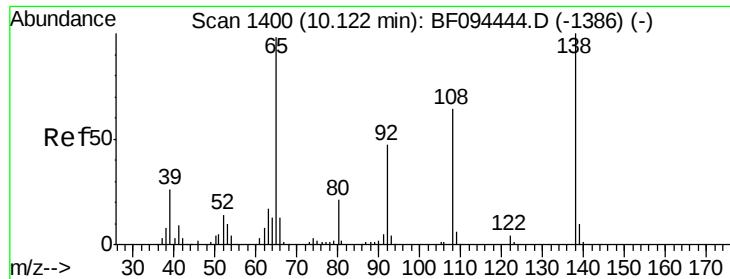
mohammad
5/1/2017 7:50:41 PM



#60
4-Chlorophenyl-phenylether
Concen: 43.84 ng
RT: 10.08 min Scan# 1384
Delta R.T. -0.00 min
Lab File: BF094708.D
Acq: 30 Apr 2017 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	272498		
206	33.1		26.2	39.2
141	68.9		60.8	91.2





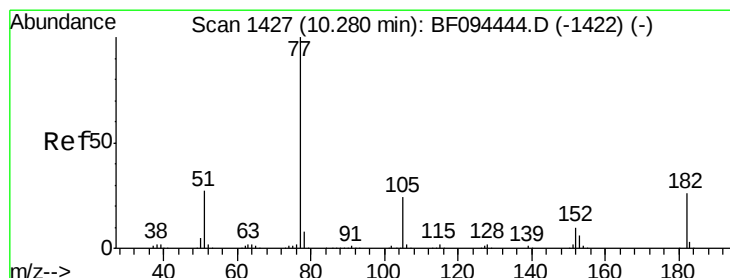
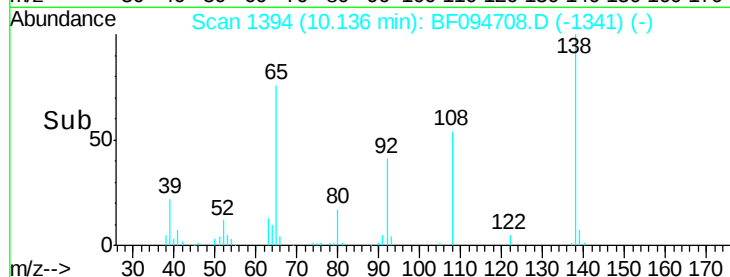
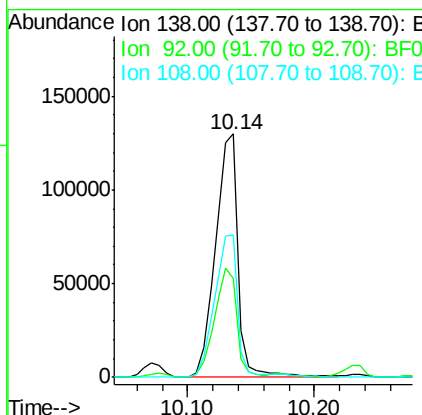
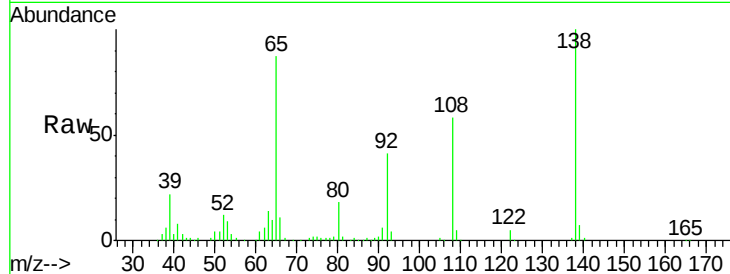
#61
4-Nitroaniline
Concen: 38.25 ng
RT: 10.14 min Scan# 1394
Delta R.T. 0.01 min
Lab File: BF094708.D
Acq: 30 Apr 2017 12:21

Instrument :
BNA_F
ClientSampleId :
PB98544BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	40.8	21.8	61.8
108	58.4	42.3	82.3

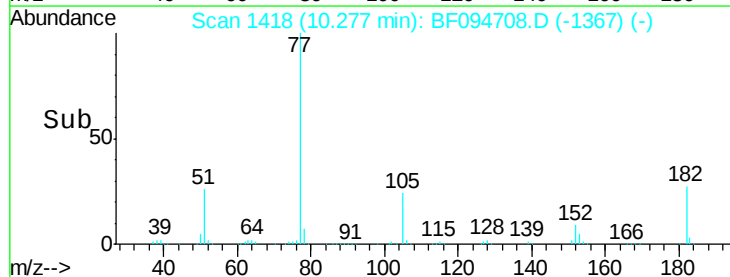
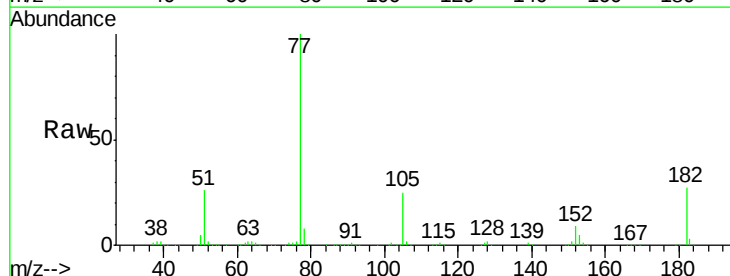
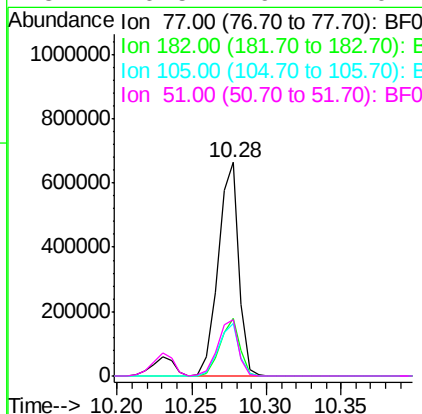
Manual Integrations
APPROVED

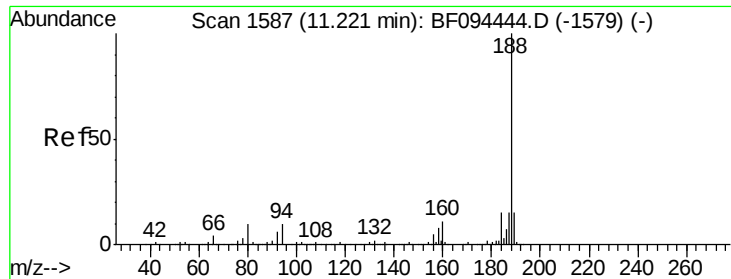
mohammad
5/1/2017 7:50:41 PM



#62
Azobenzene
Concen: 43.07 ng
RT: 10.28 min Scan# 1418
Delta R.T. -0.00 min
Lab File: BF094708.D
Acq: 30 Apr 2017 12:21

Tgt Ion	Ratio	Lower	Upper
77	100		
182	26.8	0.1	40.1
105	24.7	3.6	43.6
51	26.5	9.4	49.4





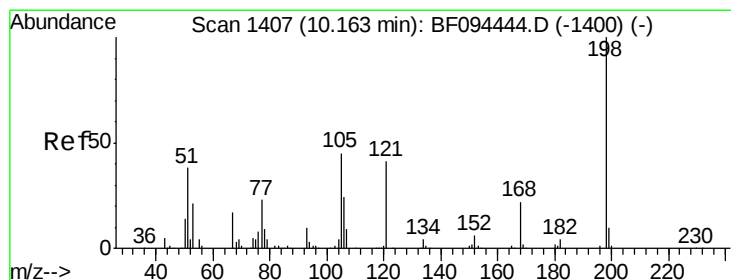
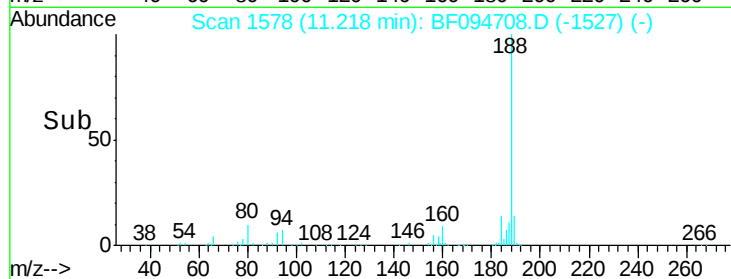
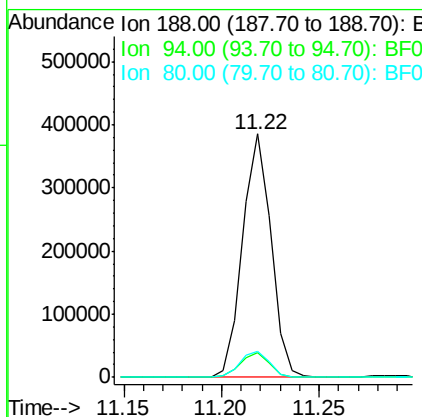
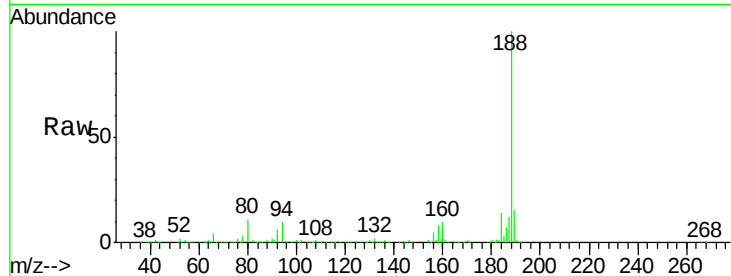
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 1578
Delta R.T. -0.00 min
Lab File: BF094708.D
Acq: 30 Apr 2017 12:21

Instrument :
BNA_F
ClientSampleId :
PB98544BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	390641		
94	10.0		9.4	14.2
80	10.6		10.2	15.2

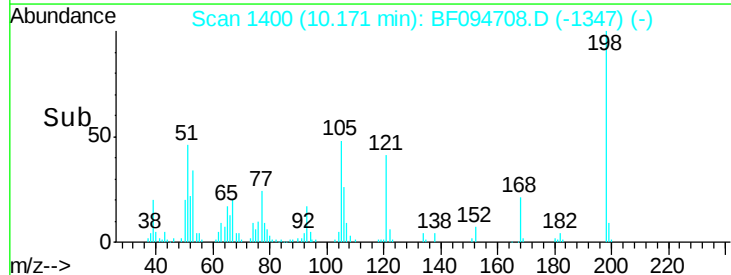
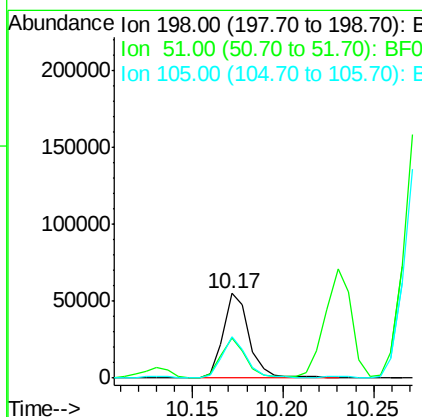
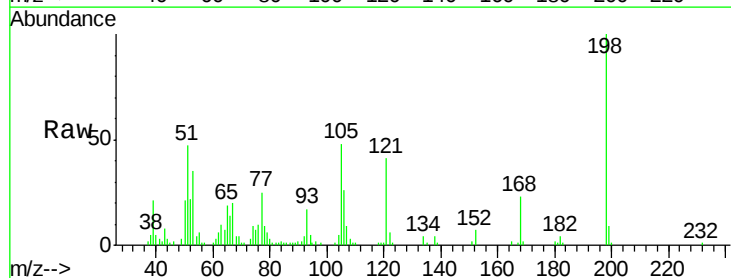
Manual Integrations
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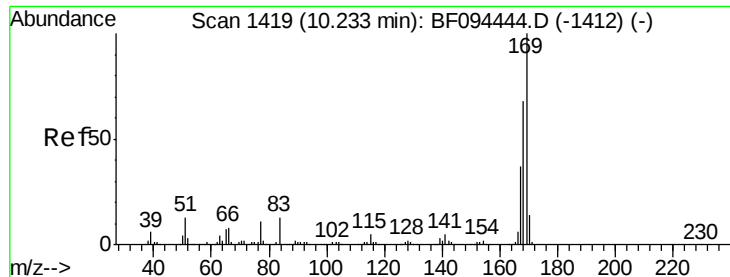
mohammad
5/1/2017 7:50:41 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 21.63 ng
RT: 10.17 min Scan# 1400
Delta R.T. 0.01 min
Lab File: BF094708.D
Acq: 30 Apr 2017 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	55359		
51	46.8		53.2	93.2#
105	48.4		45.8	85.8





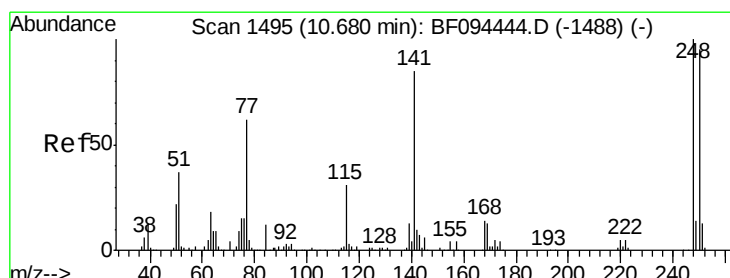
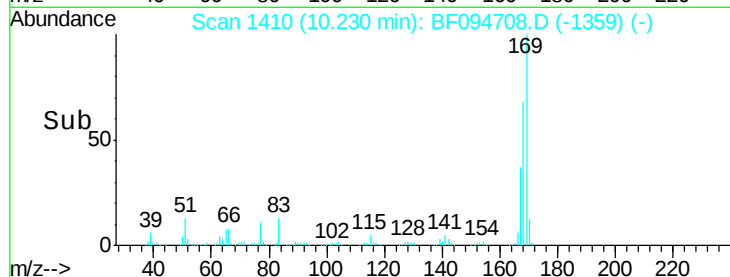
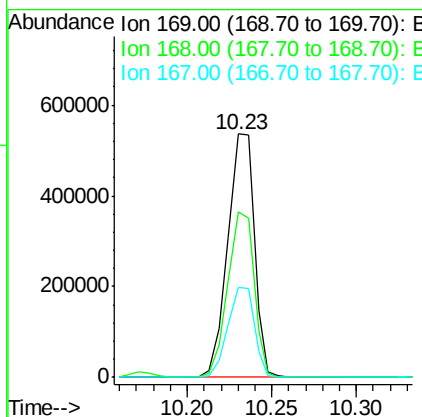
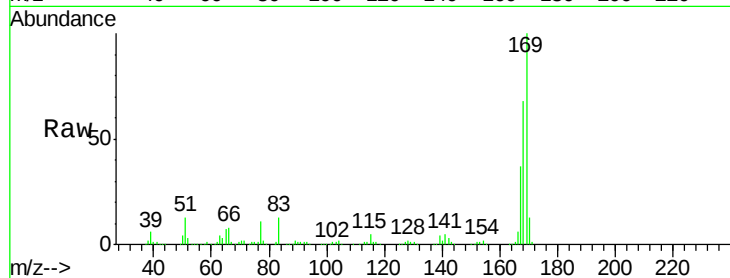
#65
n-Nitrosodiphenylamine
Concen: 43.43 ng
RT: 10.23 min Scan# 1410
Delta R.T. -0.00 min
Lab File: BF094708.D
Acq: 30 Apr 2017 12:21

Instrument :
BNA_F
ClientSampleId :
PB98544BS

Tot Ion	Ratio	Lower	Upper
169	100		
168	68.2	53.2	79.8
167	37.0	29.5	44.3

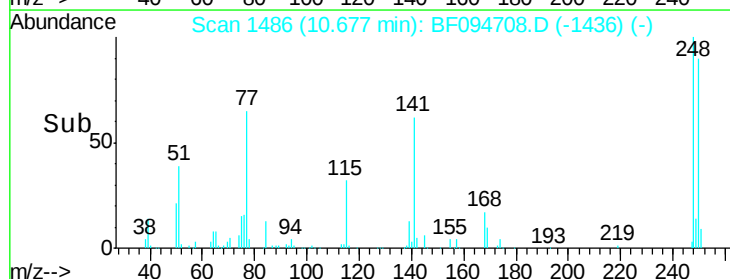
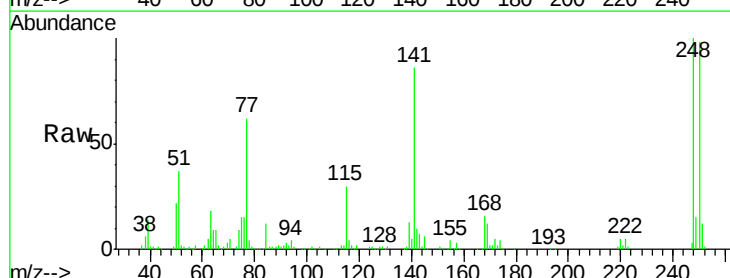
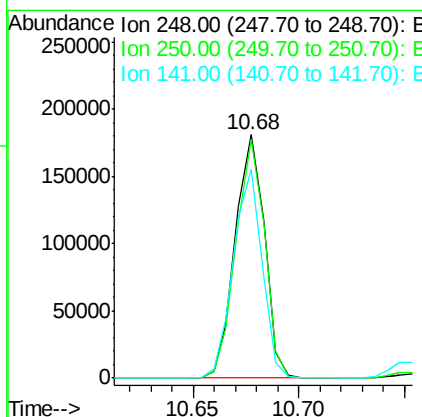
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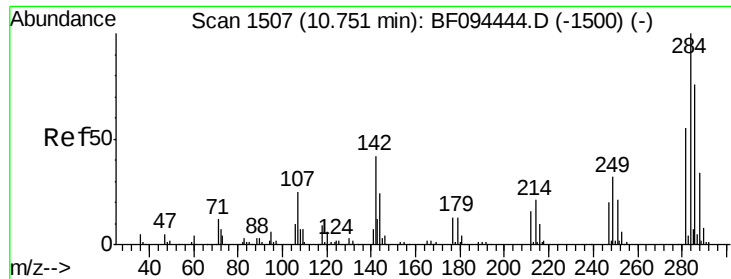
mohammad
5/1/2017 7:50:41 PM



#66
4-Bromophenyl-phenylether
Concen: 44.85 ng
RT: 10.68 min Scan# 1486
Delta R.T. -0.00 min
Lab File: BF094708.D
Acq: 30 Apr 2017 12:21

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.7	76.8	115.2
141	85.7	68.6	103.0





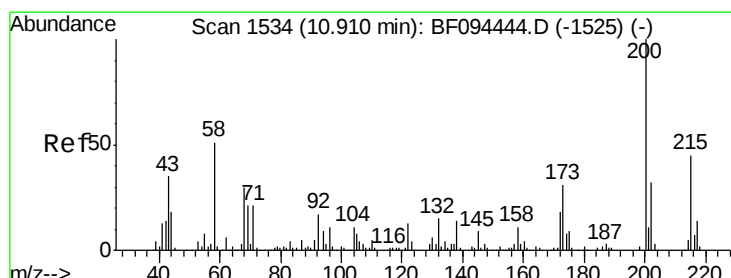
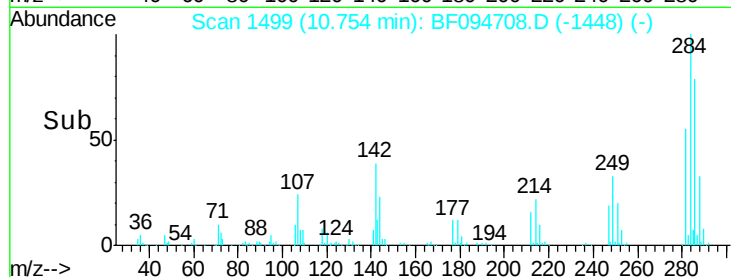
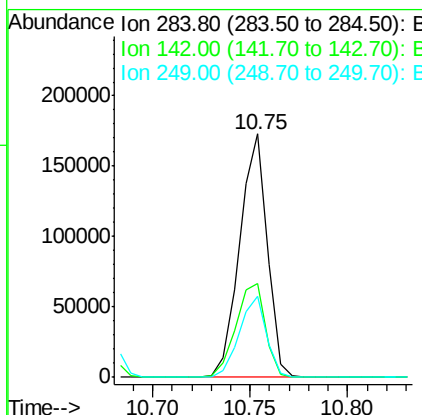
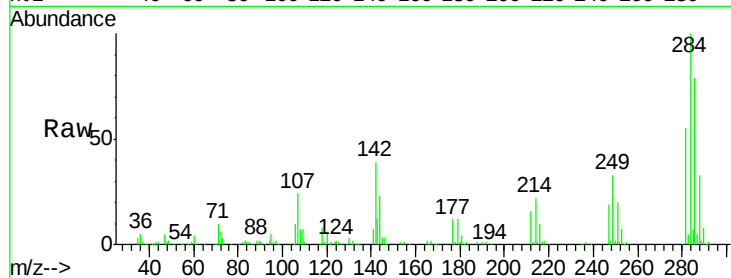
#67
Hexachlorobenzene
Concen: 43.27 ng
RT: 10.75 min Scan# 1499
Delta R.T. 0.00 min
Lab File: BF094708.D
Acq: 30 Apr 2017 12:21

Instrument :
BNA_F
ClientSampleId :
PB98544BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	169140		
142	38.7	22.8	34.2	#
249	33.2	24.0	36.0	

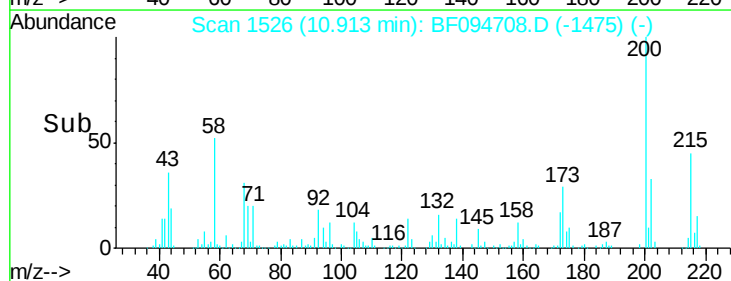
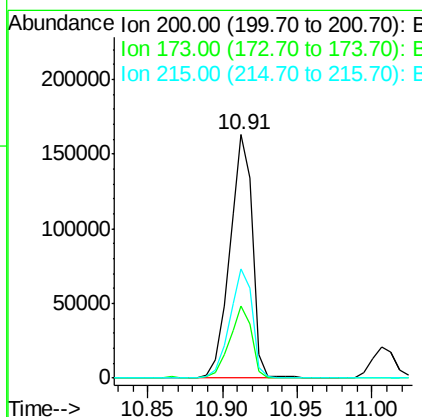
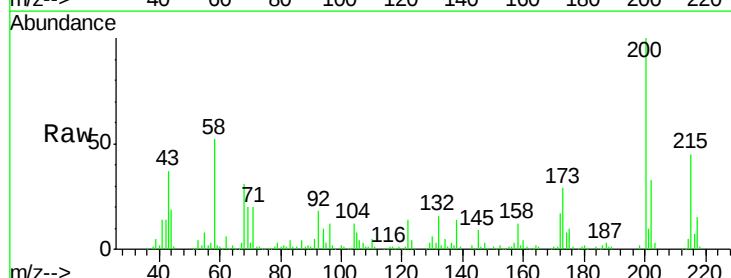
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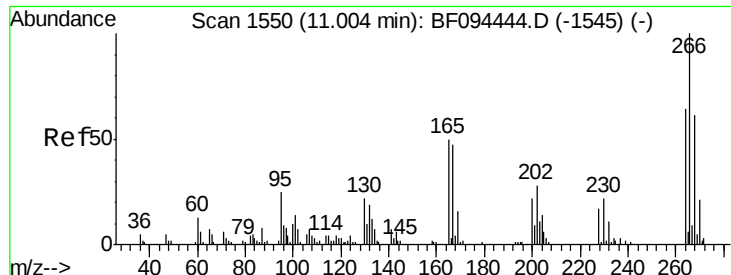
mohammad
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#68
Atrazine
Concen: 42.74 ng
RT: 10.91 min Scan# 1526
Delta R.T. 0.00 min
Lab File: BF094708.D
Acq: 30 Apr 2017 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	173702		
173	29.4	6.3	46.3	
215	44.7	27.2	67.2	





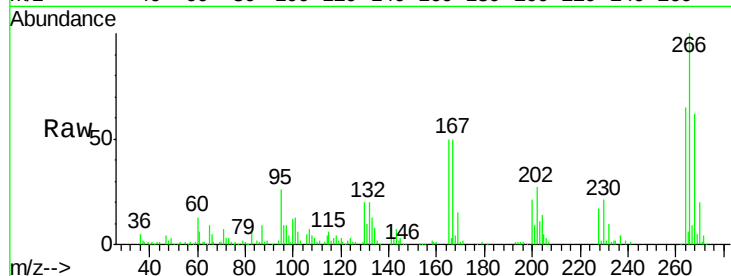
#69
 Pentachlorophenol
 Concen: 77.83 ng
 RT: 11.01 min Scan# 1542
 Delta R.T. 0.00 min
 Lab File: BF094708.D
 Acq: 30 Apr 2017 12:21

Instrument :
 BNA_F
 ClientSampleId :
 PB98544BS

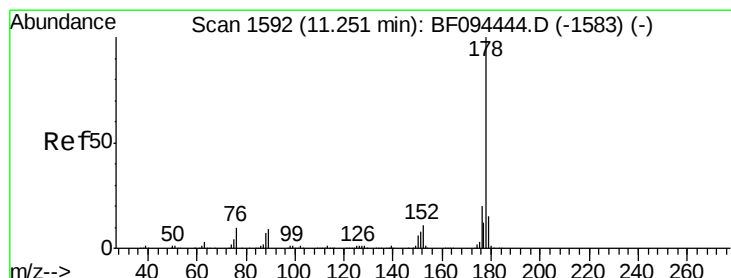
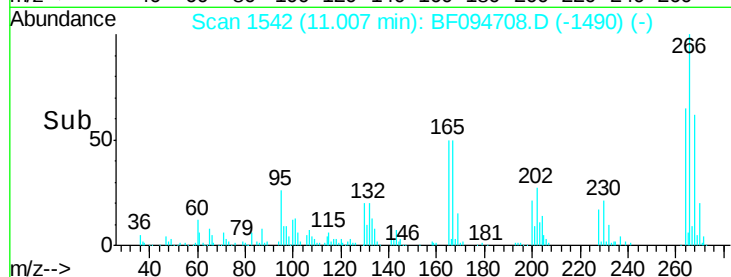
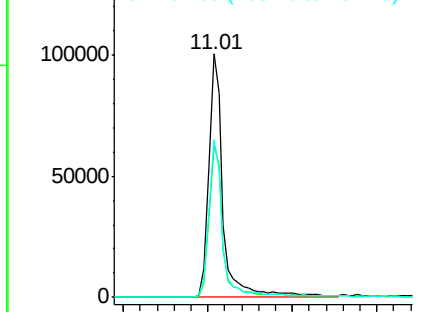
Tot Ion	Ratio	Resp	Lower	Upper
266	100	120803		
268	62.4		51.1	76.7
264	64.9		51.7	77.5

Manual Integrations
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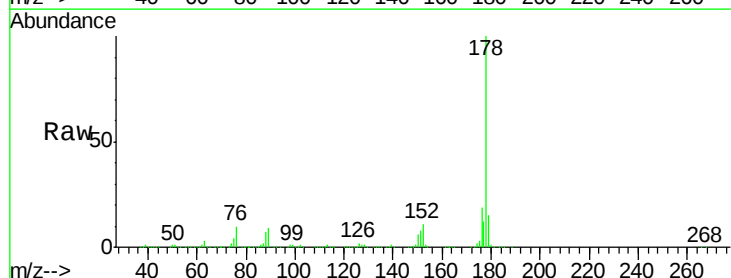


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

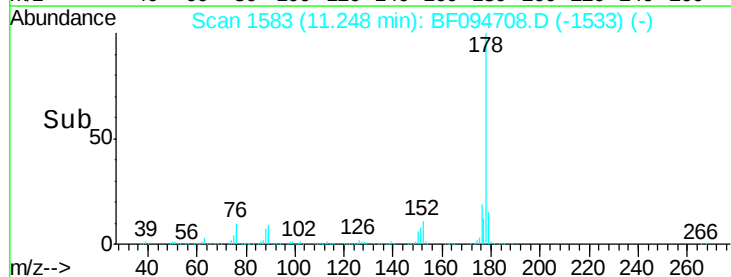
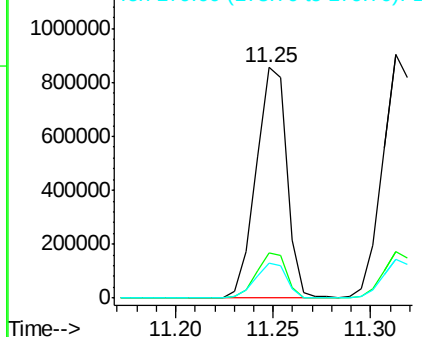


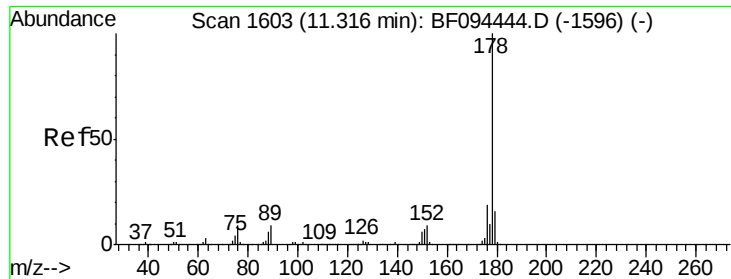
#70
 Phenanthrene
 Concen: 42.36 ng
 RT: 11.25 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: BF094708.D
 Acq: 30 Apr 2017 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	931817		
176	19.4		16.2	24.4
179	15.3		12.6	19.0



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





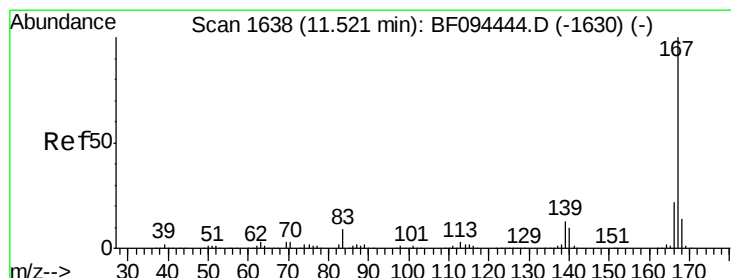
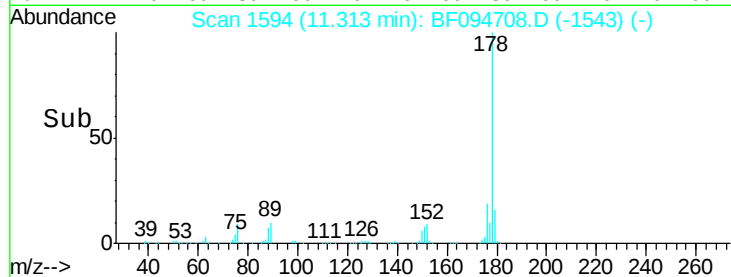
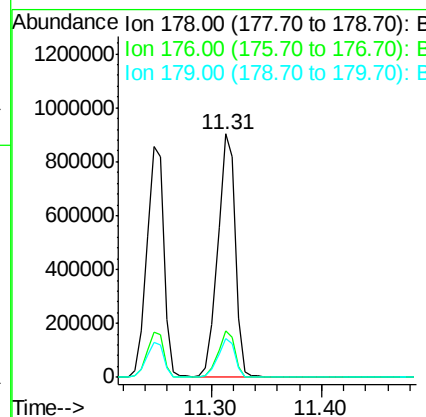
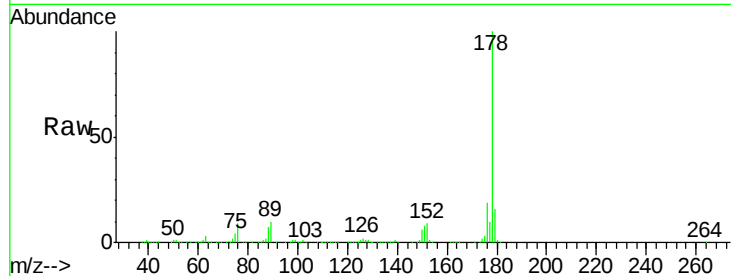
#71
 Anthracene
 Concen: 43.06 ng
 RT: 11.31 min Scan# 1594
 Delta R.T. -0.00 min
 Lab File: BF094708.D
 Acq: 30 Apr 2017 12:21

Instrument :
 BNA_F
 ClientSampleId :
 PB98544BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.8	23.8
179	15.8	12.7	19.1

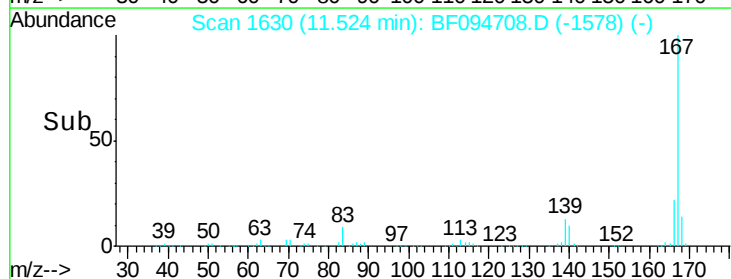
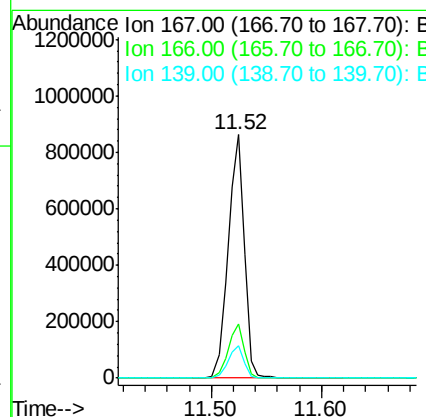
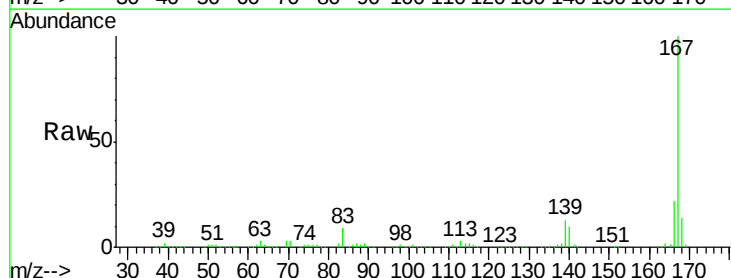
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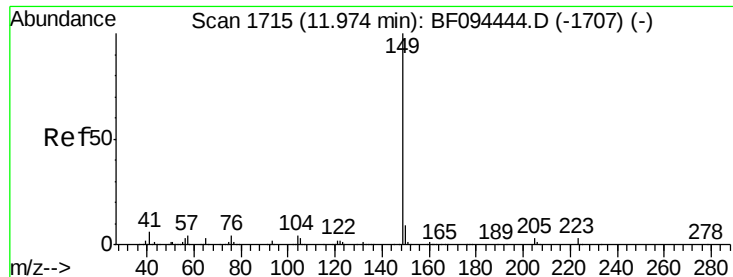
mohammad
 5/1/2017 7:50:41 PM



#72
 Carbazole
 Concen: 41.63 ng
 RT: 11.52 min Scan# 1630
 Delta R.T. 0.00 min
 Lab File: BF094708.D
 Acq: 30 Apr 2017 12:21

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.1	18.1	27.1
139	13.1	11.7	17.5





#73

Di-n-butylphthalate

Concen: 46.42 ng

RT: 11.97 min Scan# 1706

Delta R.T. -0.00 min

Lab File: BF094708.D

Acq: 30 Apr 2017 12:21

Instrument :

BNA_F

ClientSampleId :

PB98544BS

Tot Ion:149 Resp: 1091579

Ion Ratio Lower Upper

149 100

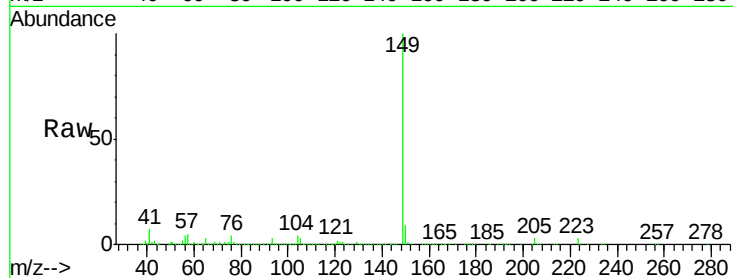
150 9.2 7.7 11.5

104 4.3 4.0 6.0

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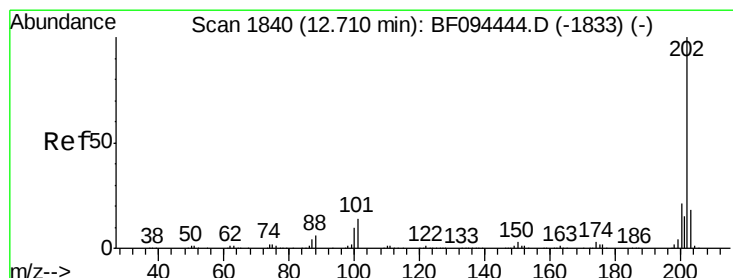
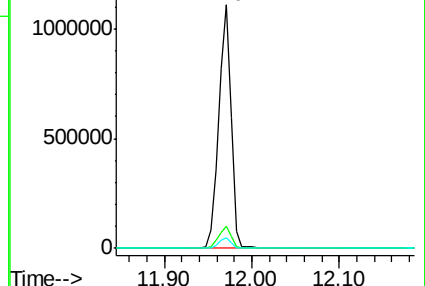
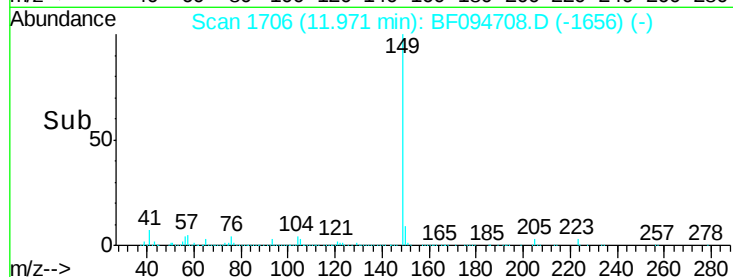
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 42.62 ng

RT: 12.71 min Scan# 1832

Delta R.T. 0.00 min

Lab File: BF094708.D

Acq: 30 Apr 2017 12:21

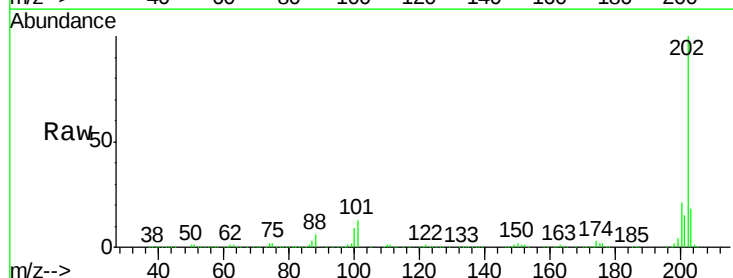
Tgt Ion:202 Resp: 971741

Ion Ratio Lower Upper

202 100

101 13.2 0.0 33.2

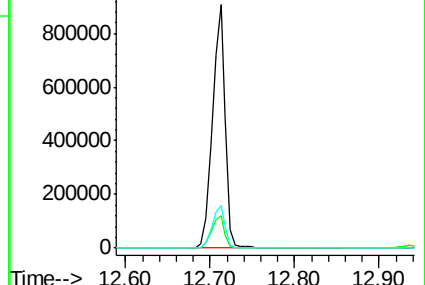
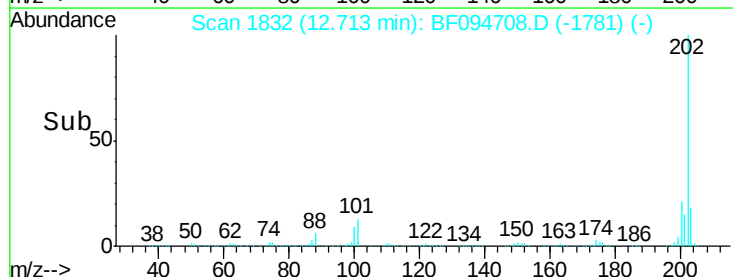
203 17.6 0.0 38.1

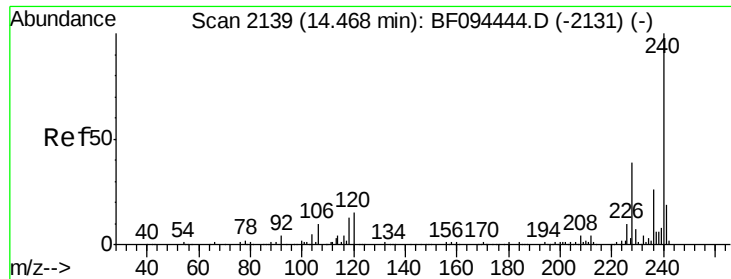


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.47 min Scan# 2131

Delta R.T. 0.00 min

Lab File: BF094708.D

Acq: 30 Apr 2017 12:21

Instrument :

BNA_F

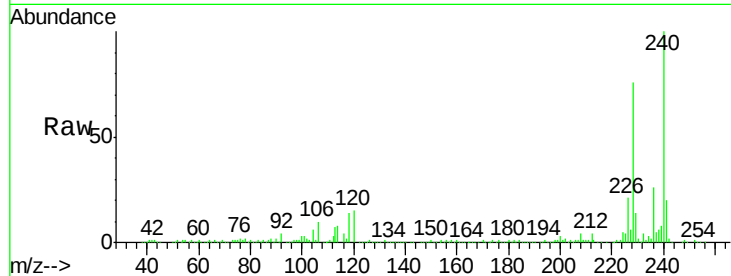
ClientSampleId :

PB98544BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	15.4	5.8	8.8#
236	25.8	20.5	30.7

Manual Integrations
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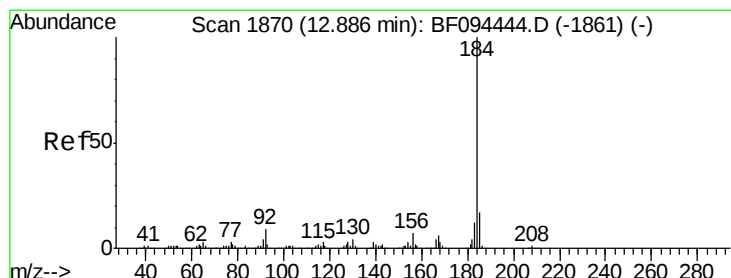
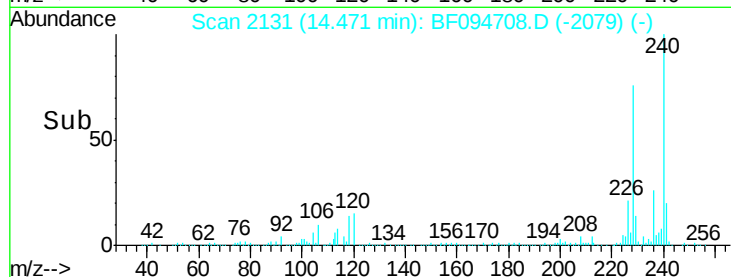
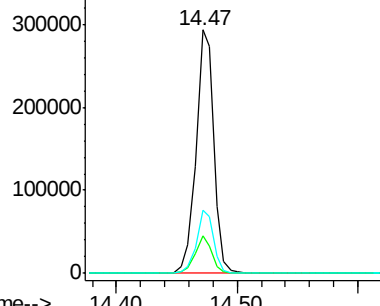
mohammad
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 24.17 ng

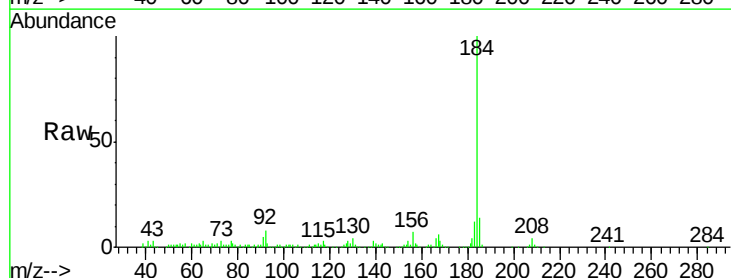
RT: 12.89 min Scan# 1862

Delta R.T. 0.00 min

Lab File: BF094708.D

Acq: 30 Apr 2017 12:21

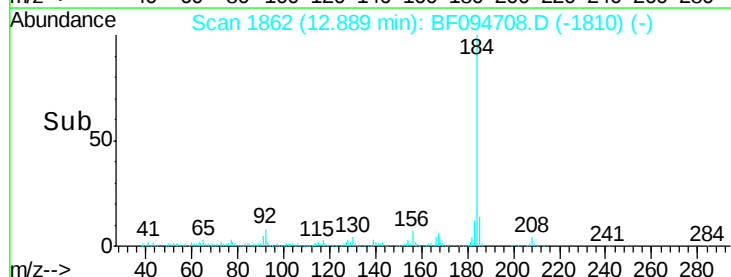
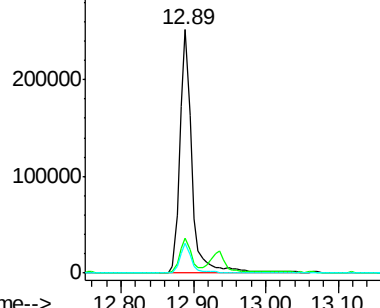
Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.3	15.5	23.3#
183	12.0	9.8	14.6

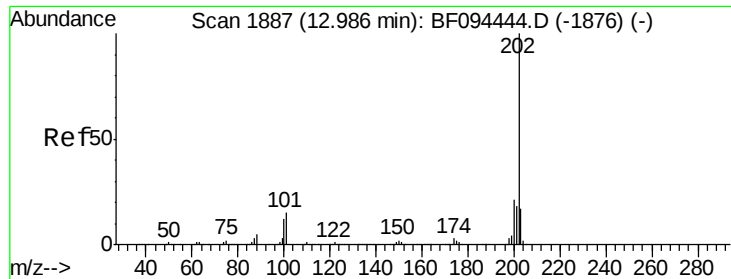


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 46.38 ng

RT: 12.99 min Scan# 1879

Delta R.T. 0.00 min

Lab File: BF094708.D

Acq: 30 Apr 2017 12:21

Instrument :

BNA_F

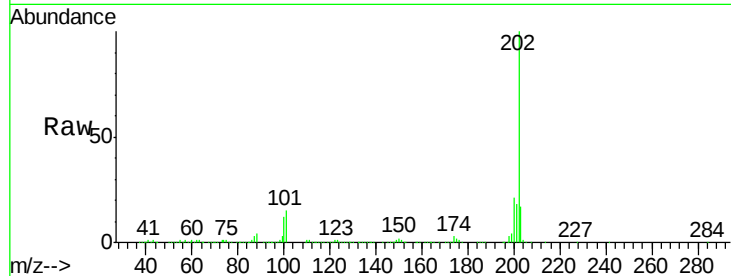
ClientSampleId :

PB98544BS

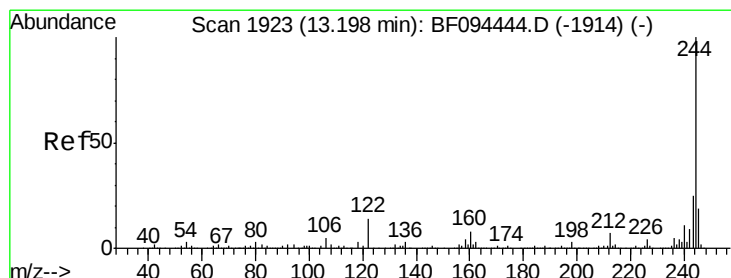
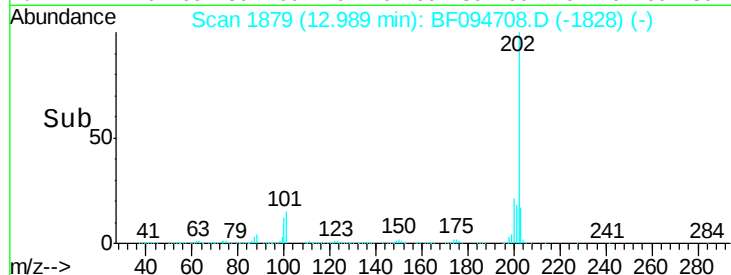
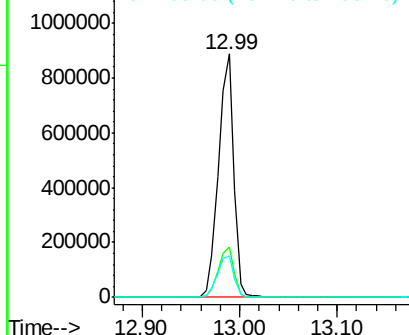
Tot Ion:	202	Resp:	966336
Ion Ratio		Lower	Upper
202	100		
200	20.9	17.6	26.4
203	17.2	14.4	21.6

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 97.39 ng

RT: 13.19 min Scan# 1914

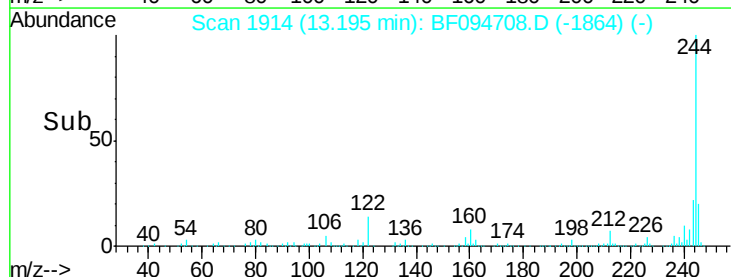
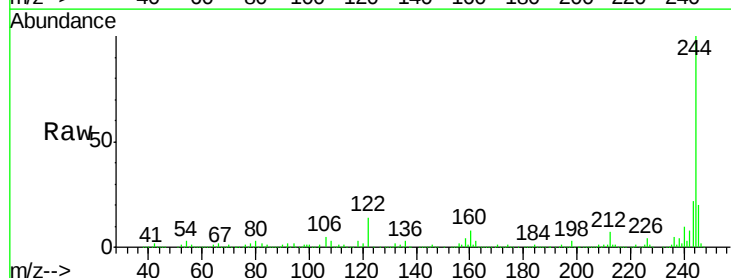
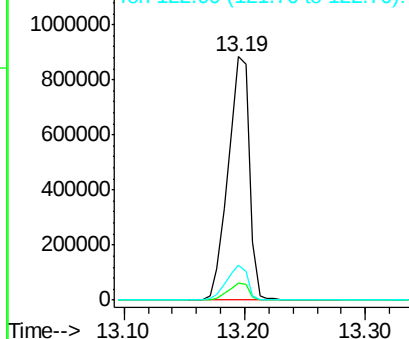
Delta R.T. -0.00 min

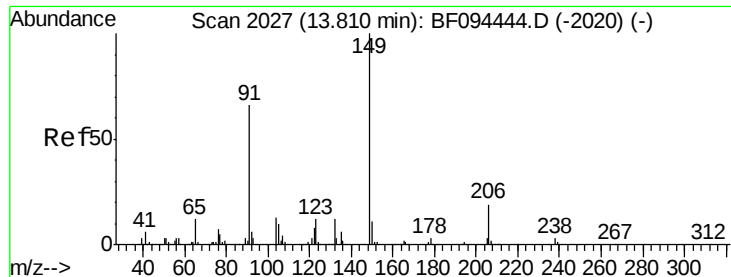
Lab File: BF094708.D

Acq: 30 Apr 2017 12:21

Tgt Ion:	244	Resp:	1086616
Ion Ratio		Lower	Upper
244	100		
212	7.2	6.0	9.0
122	14.4	10.3	15.5

Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





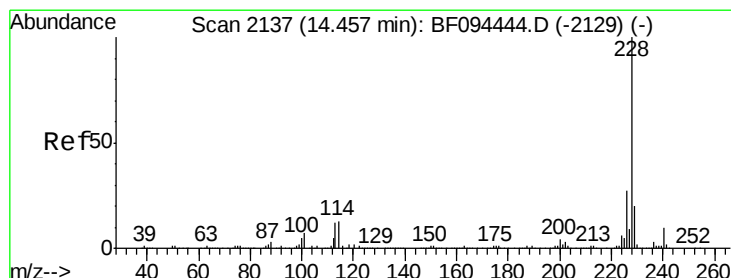
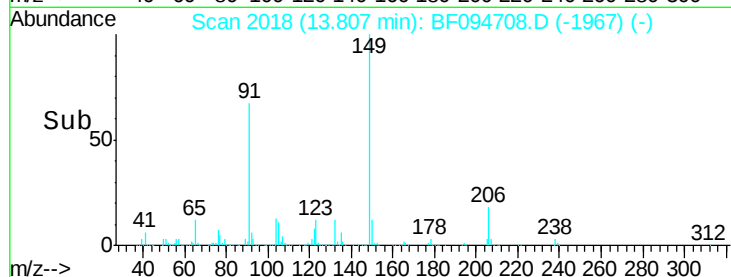
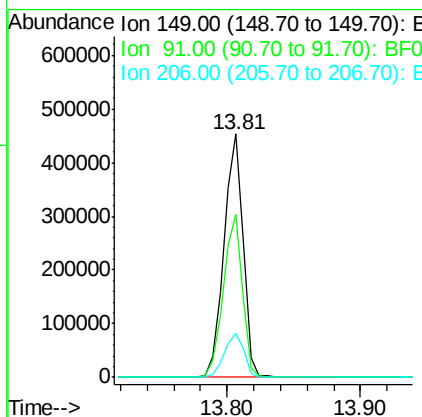
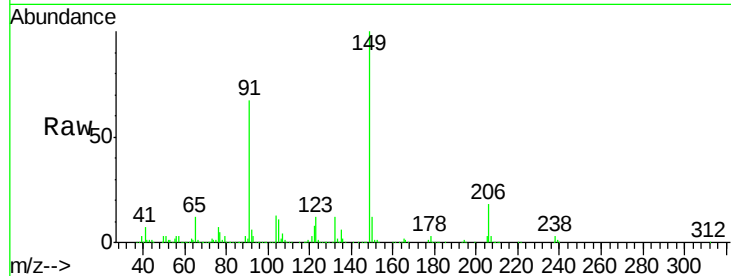
#79
Butylbenzylphthalate
Concen: 50.63 ng
RT: 13.81 min Scan# 2018
Delta R.T. -0.00 min
Lab File: BF094708.D
Acq: 30 Apr 2017 12:21

Instrument :
BNA_F
ClientSampleId :
PB98544BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	66.9	45.0	67.4
206	18.1	17.0	25.6

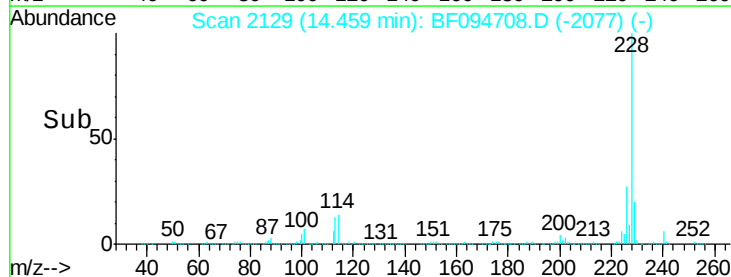
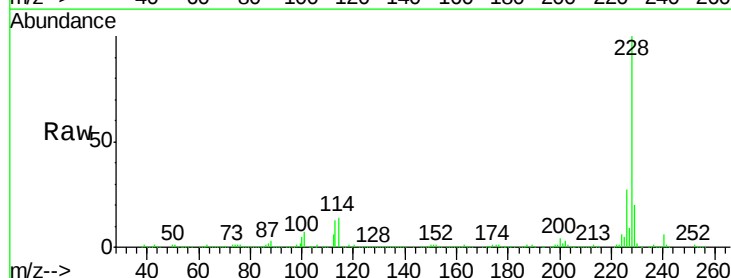
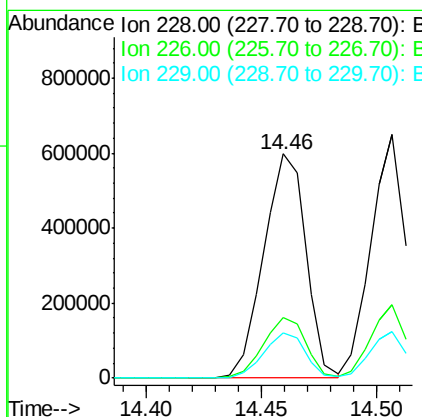
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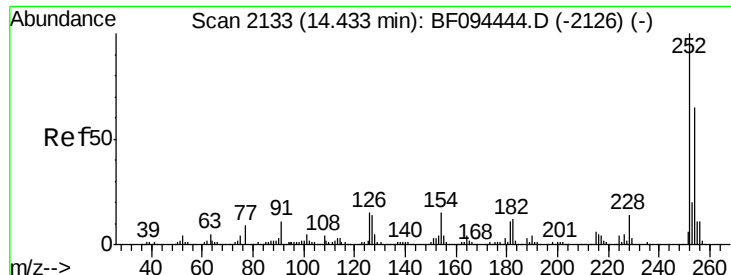
mohammad
5/1/2017 7:50:41 PM



#80
Benzo(a)anthracene
Concen: 43.76 ng
RT: 14.46 min Scan# 2129
Delta R.T. 0.00 min
Lab File: BF094708.D
Acq: 30 Apr 2017 12:21

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.6	33.8
229	20.3	16.3	24.5





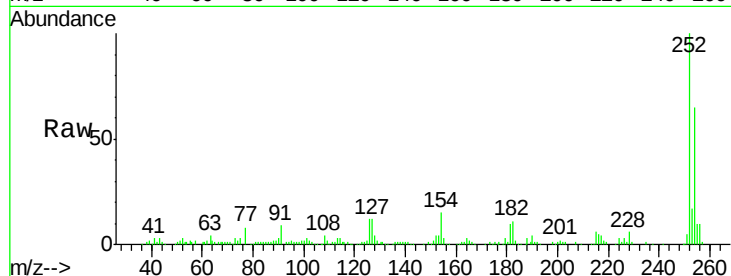
#81
 3,3'-Dichlorobenzidine
 Concen: 25.15 ng
 RT: 14.44 min Scan# 2125
 Delta R.T. 0.00 min
 Lab File: BF094708.D
 Acq: 30 Apr 2017 12:21

Instrument :
 BNA_F
 ClientSampleId :
 PB98544BS

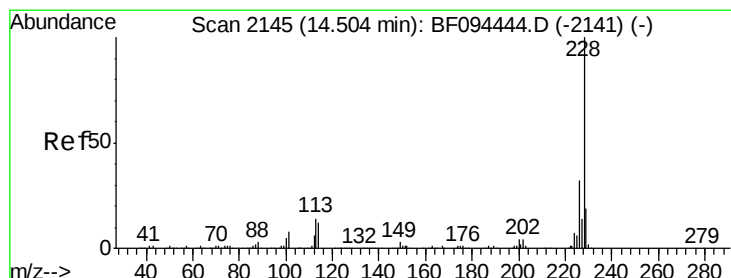
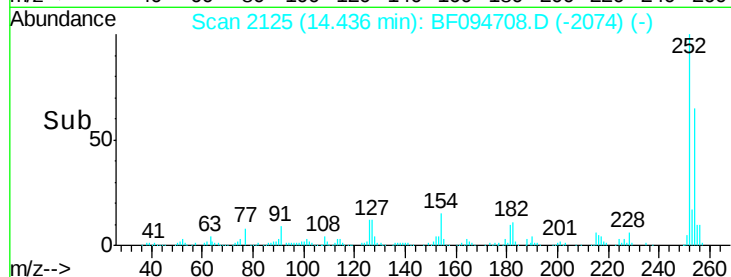
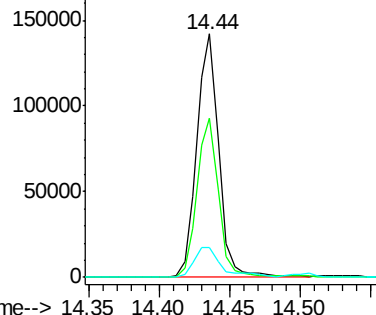
Tot Ion	Ratio	Resp	Lower	Upper
252	100	154329		
254	65.3		51.5	77.3
126	12.5		15.8	23.8

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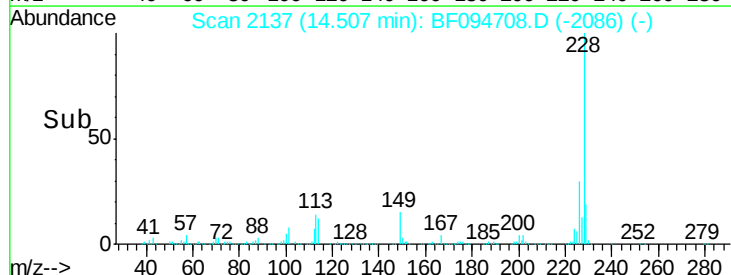
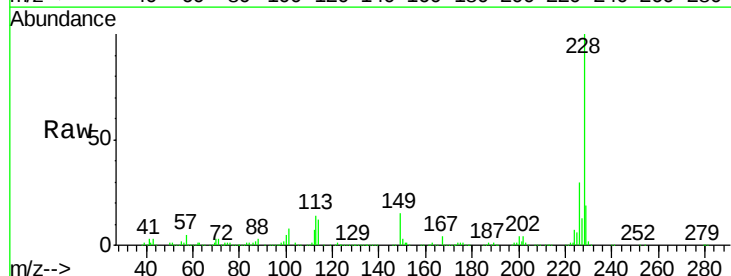
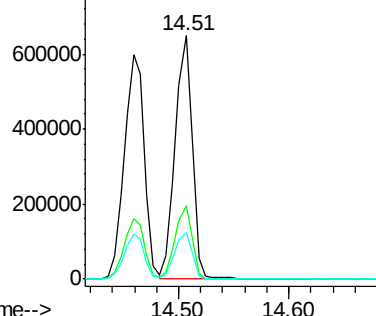
Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

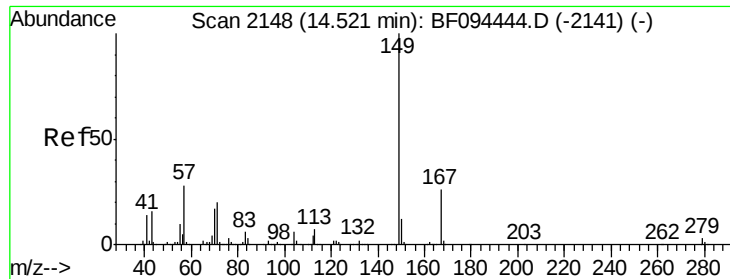


#82
 Chrysene
 Concen: 42.73 ng
 RT: 14.51 min Scan# 2137
 Delta R.T. 0.00 min
 Lab File: BF094708.D
 Acq: 30 Apr 2017 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	676851		
226	30.4		24.9	37.3
229	19.1		15.8	23.6

Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





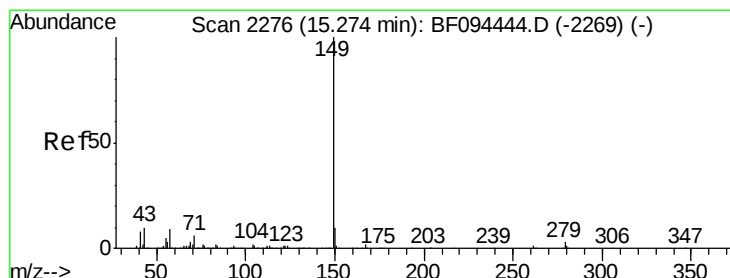
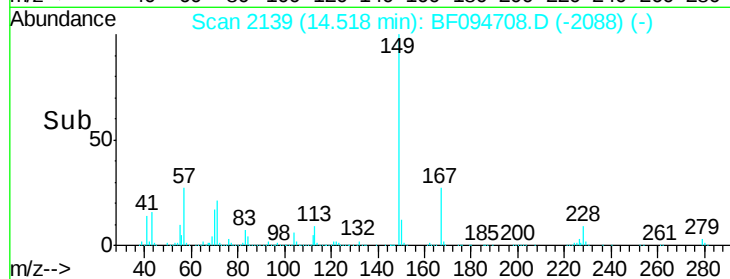
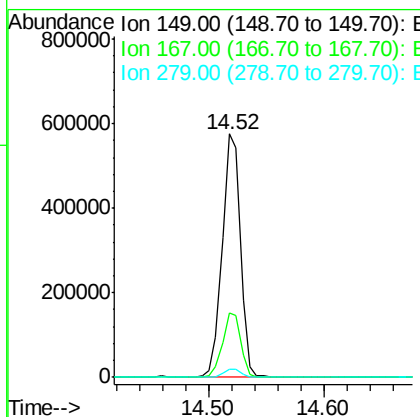
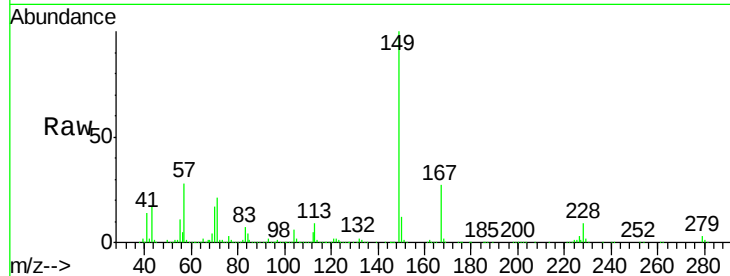
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 51.31 ng
 RT: 14.52 min Scan# 2139
 Delta R.T. -0.00 min
 Lab File: BF094708.D
 Acq: 30 Apr 2017 12:21

Instrument :
 BNA_F
 ClientSampleId :
 PB98544BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	629075		
167	26.6		21.0	31.4
279	3.1		1.9	2.9#

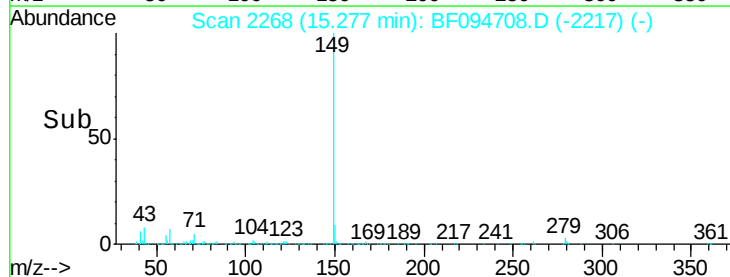
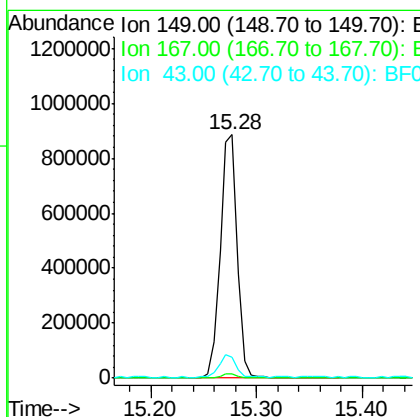
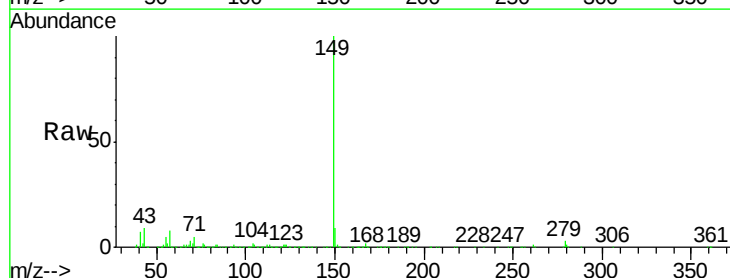
Manual Integrations
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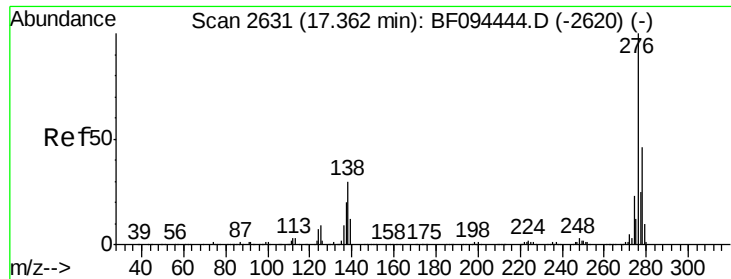
mohammad
 5/1/2017 7:50:41 PM



#84
 Di-n-octyl phthalate
 Concen: 48.64 ng
 RT: 15.28 min Scan# 2268
 Delta R.T. 0.00 min
 Lab File: BF094708.D
 Acq: 30 Apr 2017 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1000318		
167	1.6		1.2	1.8
43	9.0		8.5	12.7





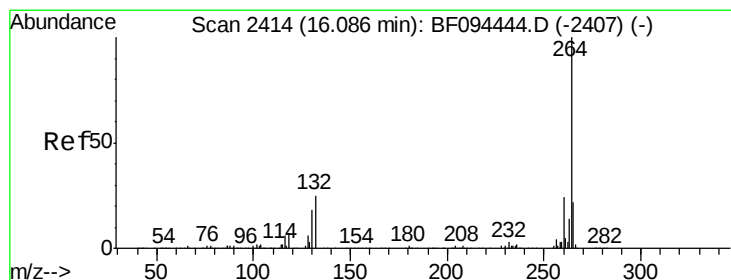
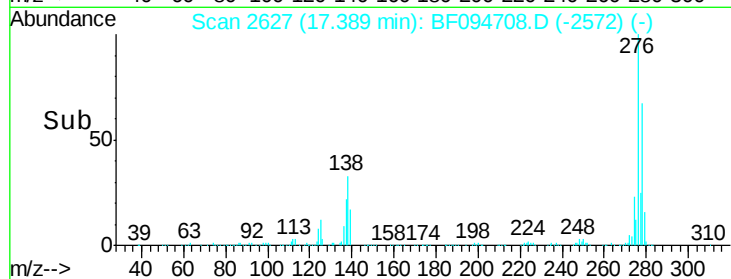
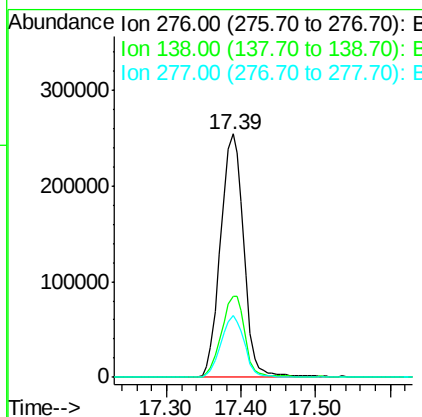
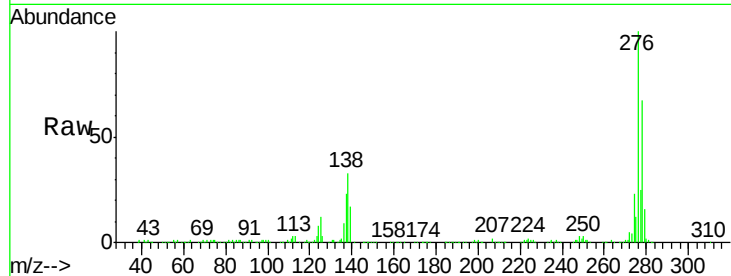
#85
Indeno(1,2,3-cd)pyrene
Concen: 36.75 ng
RT: 17.39 min Scan# 2627
Delta R.T. 0.03 min
Lab File: BF094708.D
Acq: 30 Apr 2017 12:21

Instrument :
BNA_F
ClientSampleId :
PB98544BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	33.5	27.8	41.6
277	25.3	20.2	30.4

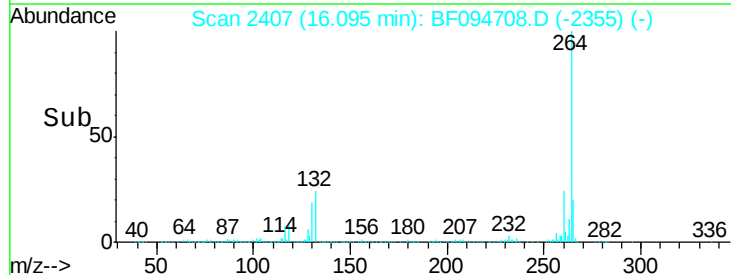
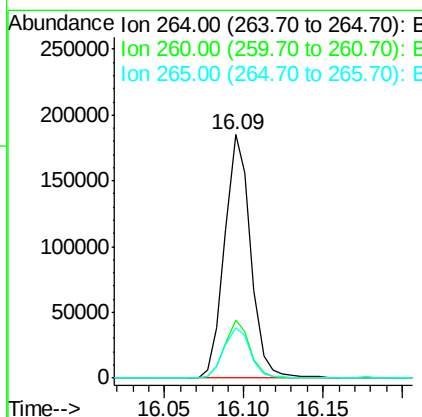
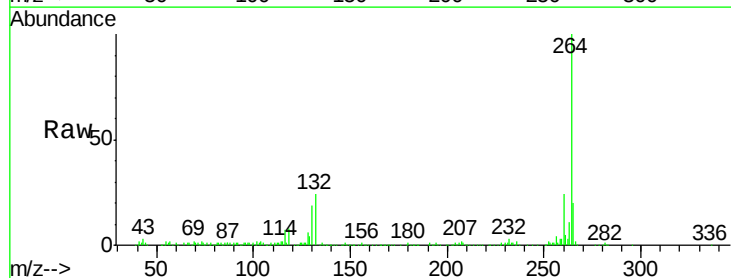
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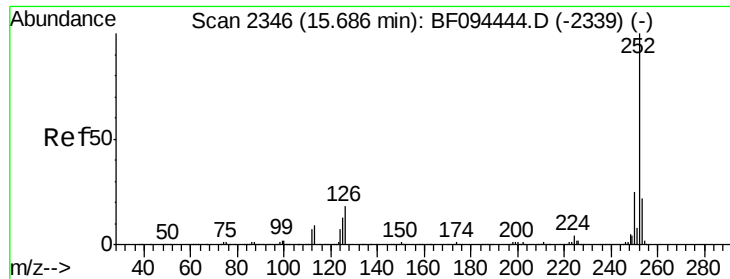
mohammad
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#86
Perylene-d12
Concen: 20.00 ng
RT: 16.09 min Scan# 2407
Delta R.T. 0.01 min
Lab File: BF094708.D
Acq: 30 Apr 2017 12:21

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.5	29.3
265	20.4	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 46.91 ng

RT: 15.70 min Scan# 2340

Delta R.T. 0.01 min

Lab File: BF094708.D

Acq: 30 Apr 2017 12:21

Instrument :

BNA_F

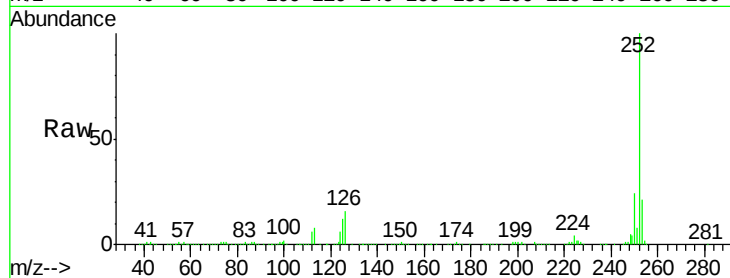
ClientSampleId :

PB98544BS

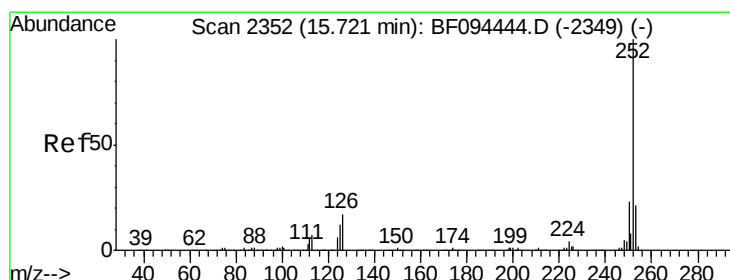
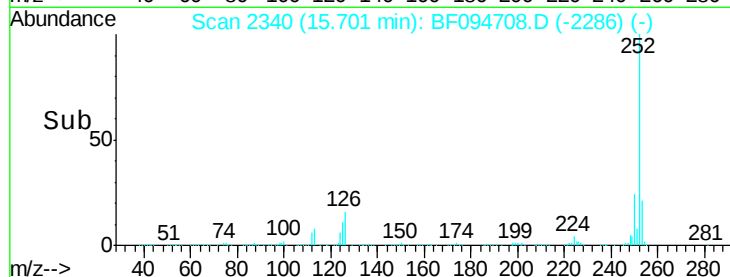
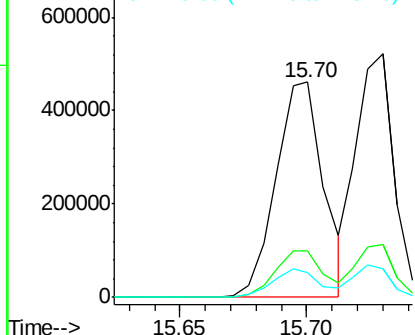
Tot Ion:	252	Resp:	605021
Ion Ratio	Lower	Upper	
252	100		
253	21.4	18.1	27.1
125	11.5	9.8	14.8

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 45.30 ng

RT: 15.73 min Scan# 2345

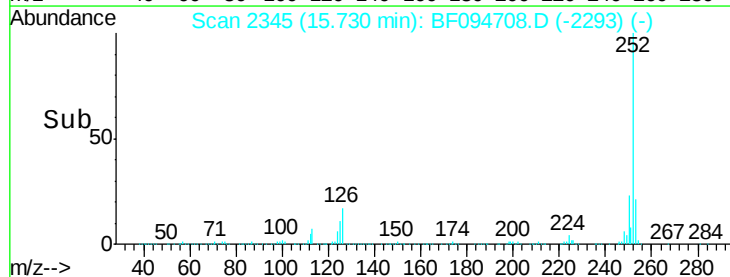
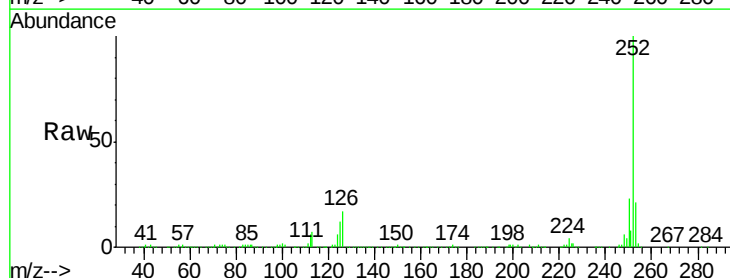
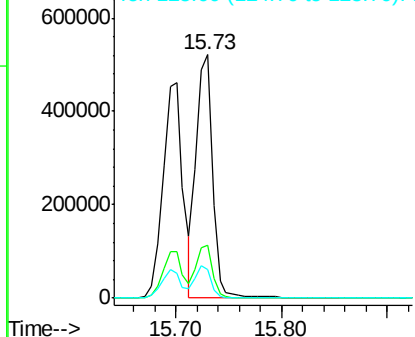
Delta R.T. 0.01 min

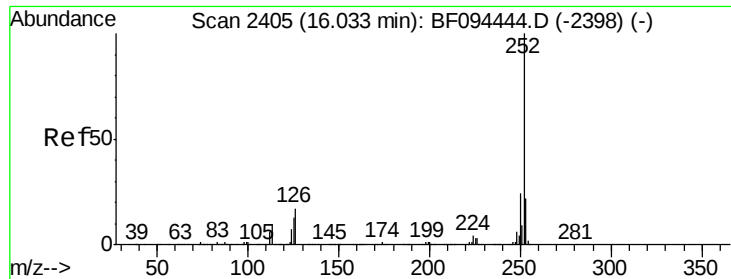
Lab File: BF094708.D

Acq: 30 Apr 2017 12:21

Tgt Ion:	252	Resp:	552876
Ion Ratio	Lower	Upper	
252	100		
253	21.5	18.4	27.6
125	11.5	13.1	19.7#

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





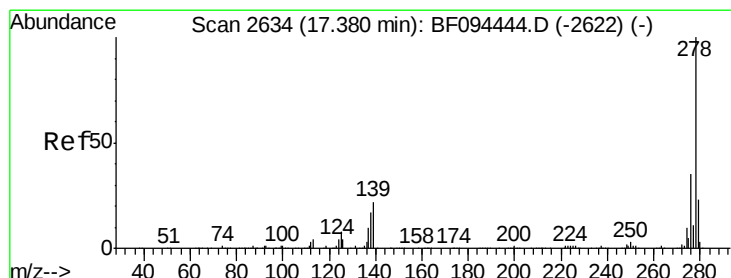
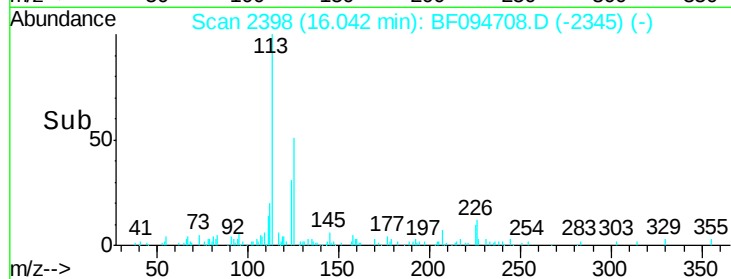
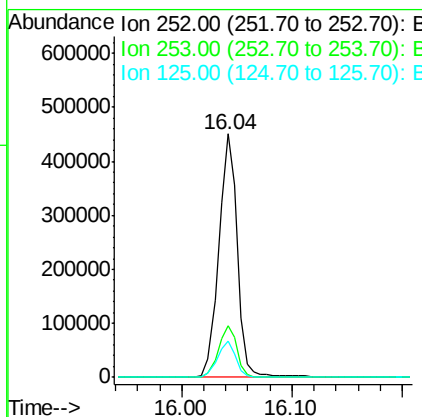
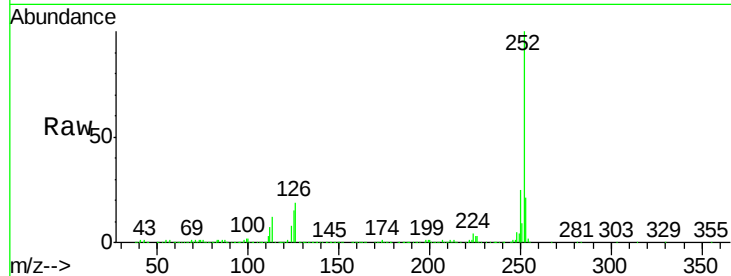
#89
Benzo(a)pyrene
Concen: 43.60 ng
RT: 16.04 min Scan# 2398
Delta R.T. 0.01 min
Lab File: BF094708.D
Acq: 30 Apr 2017 12:21

Instrument :
BNA_F
ClientSampleId :
PB98544BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.5	26.3
125	15.0	11.0	16.4

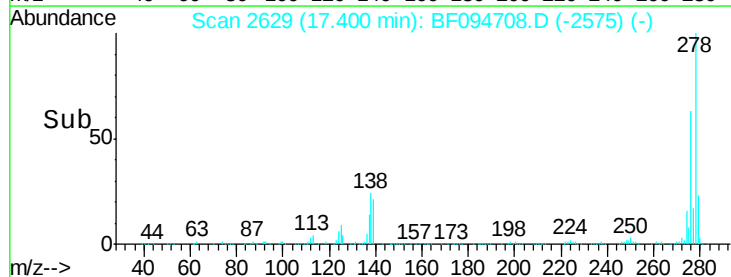
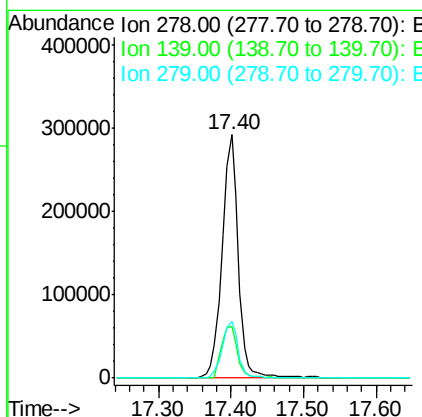
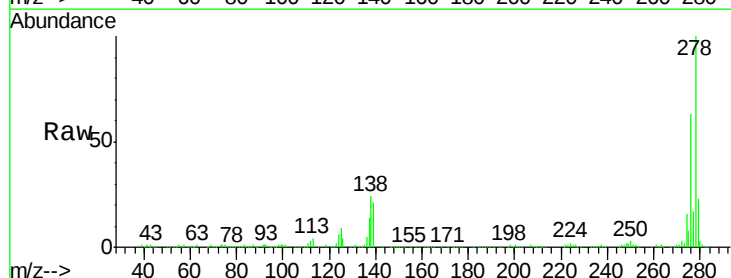
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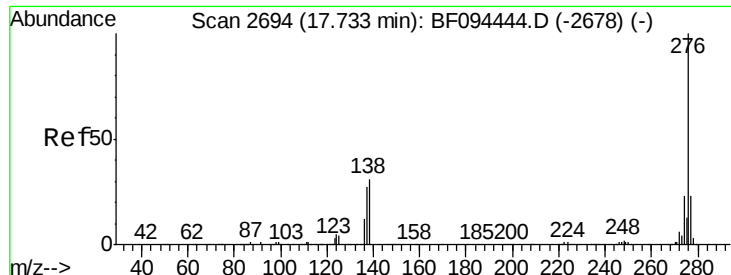
mohammad
5/1/2017 7:50:41 PM



#90
Dibenzo(a,h)anthracene
Concen: 45.67 ng
RT: 17.40 min Scan# 2629
Delta R.T. 0.02 min
Lab File: BF094708.D
Acq: 30 Apr 2017 12:21

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.0	16.6	24.8
279	23.4	19.3	28.9





#91
 Benzo(a,h,i)perylene
 Concen: 45.95 ng
 RT: 17.76 min Scan# 2690
 Delta R.T. 0.03 min
 Lab File: BF094708.D
 Acq: 30 Apr 2017 12:21

Instrument :
 BNA_F
 ClientSampleId :
 PB98544BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.6	28.0
138	31.7	25.4	38.0

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